

## Recombinant Rat Fgfr1 protein, His-tagged

**Cat. No.** Fgfr1-2339R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Fgfr1(22-376 aa) fused with His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 22-376 aa                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | RPAPTLPEQ AQPWGVPEV ESLLVHPGDL LQLRCRLRDD VQSINWLRDG<br>VQLAESNRTR ITGEEVEVRD SIPADSGLYA CVTNPSGSD TTYFSNVNSD<br>ALPSSDDDDD DDDSSSEEKE TDNTKPNRRP VAPYWTSPEK MEKKLHAVPA<br>AKTVKFKCPS SGTPSPTLRW LKNGKEFKPD HRIGGYKVRY ATWSIIMDSV<br>VPSDKGNYTC IVENEYGSIN HTYQLDVVER SPHRPILQAG LPANKTVALG<br>SNVEFMCKVY SDPQPHIQWL KHIEVNGSKI GPDNLPYDQI LKTAGVNTTD<br>KEMEVLHLRN VSFEDAGEYT CLAGNSIGLS HHSAWLTVLE ALEERPAVMT<br>SPLYLE |
| <b>Purity</b>           | >90% ( SDS-PAGE )                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80                                                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade.

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">Fgfr1 Fibroblast growth factor receptor 1 [ Rattus norvegicus ]</a>                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>     | <a href="#">Fgfr1</a>                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>            | FGFR1; Fibroblast growth factor receptor 1; fibroblast growth factor receptor 1; MFR; c-fgr; FGFR-1; bFGF-R; bFGF-R-1; FGF receptor-1; proto-oncogene c-Fgr; basic fibroblast growth factor receptor 1;                                                                                                                                                                               |
| <b>Gene ID</b>             | <a href="#">79114</a>                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_024146</a>                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>      | <a href="#">NP_077060</a>                                                                                                                                                                                                                                                                                                                                                             |
| <b>MIM</b>                 |                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>          | <a href="#">Q04589</a>                                                                                                                                                                                                                                                                                                                                                                |
| <b>Chromosome Location</b> | 16q12.4                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Pathway</b>             | Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Downstream signaling of activated FGFR, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; FGFR ligand binding and activation, organism-specific biosystem; |
| <b>Function</b>            | ATP binding; cell adhesion molecule binding; fibroblast growth factor 1 binding;                                                                                                                                                                                                                                                                                                      |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

fibroblast growth factor 1 binding; fibroblast growth factor binding; fibroblast growth factor-activated receptor activity; fibroblast growth factor-activated receptor activity; fibroblast growth factor-activated receptor activity; glycoprotein binding; heparin binding; heparin binding; nucleotide binding; protein binding; protein complex binding; protein homodimerization activity; protein tyrosine kinase activity; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA