

## Recombinant Mouse Fgfr2 Protein, Fc-tagged, FITC conjugated

**Cat. No.** Fgfr2-501MF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the mouse FGFR2 (NP_963895.2) (Met1-Glu263) (FITC conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Glu263 483                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | The recombinant mouse FGFR2 comprises 483 amino acids and has a predicted molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 89.9 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                                  |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm                            |

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                               |
| <b>Storage</b>        | Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH7.4.                                                                                                                         |
| <b>Conjugation</b>    | FITC                                                                                                                                                         |

## GENE INFORMATION

|                        |                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Fgfr2 fibroblast growth factor receptor 2 [ Mus musculus ]</a>                                                                                      |
| <b>Official Symbol</b> | <a href="#">Fgfr2</a>                                                                                                                                           |
| <b>Synonyms</b>        | FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRTTr; AU043015; AW556123; MGC102519; |
| <b>Gene ID</b>         | <a href="#">14183</a>                                                                                                                                           |
| <b>mRNA Refseq</b>     | <a href="#">NM_010207</a>                                                                                                                                       |
| <b>Protein Refseq</b>  | <a href="#">NP_034337</a>                                                                                                                                       |

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