

# Recombinant Full Length Human FRK Protein, GST-tagged

**Cat. No.** FRK-5150HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FRK full-length ORF ( AAH12916, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 505 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. [provided by RefSeq                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 81.07 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MSNICQRLWEYLEPYLPCLSTEADKSTVIENPGALCSPQSQRHGHYFVALFDYQAR<br/> TAEDLSFRAGDKLQVLDLTHEGWVWFARHLEKRRDGGSSQQLQGYIPSNYVAEDRSL<br/> QAEPWFFGAIGRSDAEKQLLYSENKTGSFLIRESESQKGEFSLSVLDGAVVKHYRIK<br/> RLDEGGFFLTRRRIFSTLNEFVSHYTKTSDGLCVKLGKPKLKIQVPAPFDLSYKTVDQ<br/> WEIDHNSIQLLKRLGSGQFGEVWEGLWNNTTPVAVKTLKPGSMDPNDLFLREAQIMK<br/> NLRHPKLIQLYAVCTLEDPIYIITELVRHGSLSQEYLQNDTGSKIHLTQQVDMAAQVAS<br/> GMAYLESRNYIHRDLAARNVLVGEHNIYKVADFGGLARVFKVDNEDIYESRHEIKLPVK<br/> WTAPEAIRSNKFSIKSDVVSFGILLYEITYGKMPYSGMTGAQVIQMLAQNYRLPQPS<br/> NCPQQFYNIMLECWNAEPKERPTFETLRWKLEDYFETDSSYSYDANNFIR</p> |

 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

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FRK fyn-related kinase [ Homo sapiens ]                                                                                                                                                                     |
| <b>Official Symbol</b> | FRK                                                                                                                                                                                                         |
| <b>Synonyms</b>        | FRK; fyn-related kinase; PTK5, PTK5 protein tyrosine kinase 5; tyrosine-protein kinase FRK; GTK; RAK; protein-tyrosine kinase 5; PTK5 protein tyrosine kinase 5; nuclear tyrosine protein kinase RAK; PTK5; |
| <b>Gene ID</b>         | 2444                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_002031                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_002022                                                                                                                                                                                                   |
| <b>MIM</b>             | 606573                                                                                                                                                                                                      |
| <b>UniProt ID</b>      | P42685                                                                                                                                                                                                      |

 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