

# Recombinant Full Length Human FRK Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <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/> TAEDLSFRAGDKLQVLDLHEGWWFARHLEKRRDGSSQQLQGYIPSNYVAEDRSL<br/> QAEPWFFGAIGRSDAEKQLLYSENKTGSFLIRESESQKGEFSLSVLDGAVVKHYRIK<br/> RLDEGGFFLTRRRIFSTLNEFVSHYTKTSDGLCVKLGKPKCLKIQVPAPFDLSYKTVDDQ<br/> WEIDHNSIQLLKRLGSGQFGEVWEGLWNNTTPVAVKTLKPGSMDPNDFLREAQIMK<br/> NLRHPKLIQLYAVCTLEDPIYIITELVRHGSLQEYLQNDTGSKIHLTQQVDMAAQVAS<br/> GMAYLESRNYIHRDLAARNVLVGEHNIYKVADFGGLARVFKVDNEDIYESRHEIKLPVK<br/> WTAPEAIRSNKFSIKSDVWSFGILLYEITYGKMPYSGMTGAQVIQMLAQNYRLPQPS<br/> NCPQQFYNIMLECWNAEPKERPTFETLRWKLEDYFETDSSYSdannfir</p> |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                             |
| <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                                                                                                                                                                                                      |

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