

Recombinant Human Fyn-Related Kinase, GST-Tagged

Cat. No. FRK-5425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinanthuman full length FRK, GST-tagged. No special measures were taken to activate this kinase.
Species	Human
Source	Insect Cells
Description	FRK is an enzyme that in humans is encoded by the FRK gene. 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.
Form	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50% glycerol.
Molecular Weight	86.3 kDa
Specific Activity	182 nmole of phosphate transferred to poly [Glu,Tyr] 4:1 substrate per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 4 µg/ml.
Concentration	0.25mg/ml
Storage	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Official Symbol	FRK

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Full Length
Full L.

GENE INFORMATION

Gene Name

FRKfyn-related kinase [[Homo sapiens](#)]

Synonyms

FRK; fyn-relatedkinase; PTK5; PTK5 protein tyrosine kinase 5; GTK; RAK;
OTTHUMP00000017048; Protein-tyrosinekinase 5; tyrosine-protein kinase FRK; EC
2.7.10.2; EC 2.7.10; Nucleartyrosine protein kinase RAK

Gene ID
[2444](#)
mRNA Refseq
[NM_002031](#)
Protein Refseq
[NP_002022](#)
MIM
[606573](#)
UniProt ID

P42685

**Chromosome
Location**

6q21-q22.3

Function

protein binding; ATP binding; nucleotidebinding; non-membrane spanning protein
tyrosine kinase activity

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