Recombinant Human Fyn-Related Kinase, GST-tagged, Active

Cat. No. FRK-321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FRK (208-end) was expressed by baculovirus in*Sf9 cell*susing an N-terminal GST tag. MW=60kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	208-end a.a.
Description	FRK (fyn-related kinase) or Rak is a nuclear tyrosine kinase and member of the Src sub-family. Restricted expression of FRK is detected in a broad range of cell lines with highest levels in epithelial cells. Increased expression of FRK has been shown in breast and renal cell carcinoma cell lines. In addition the retinoblastoma tumor susceptibility gene product pRb associates with FRK in vitro and in vivo. Overexpression of FRK in beta-cells from the pancreas increases the susceptibility of these cells to beta-cell-toxic events (hallmark of Type I diabetes).
Sequence	208-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	FRK fyn-related kinase [Homo sapiens]
Synonyms	FRK; fyn-related kinase; GTK; RAK; PTK5; PTK5 protein tyrosine kinase 5; Tyrosine-protein kinase FRK;EC2.7.10.2; FYN-related kinase; Nuclear tyrosine protein kinase RAK
Gene ID	2444
mRNA Refseq	NM_002031
Protein Refseq	NP_002022
UniProt ID	P42685
Chromosome Location	6q21-q22.3
MIM	606573
Function	ATP binding; growth factor binding; identical protein binding; nucleotide binding; transferase activity; non-membrane spanning protein tyrosine kinase activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA