

FRK, Active recombinant protein
FRK, fyn-related kinase
Catalog # PBV11338r**Specification**

FRK, Active recombinant protein - Product info

Primary Accession	P42685
Concentration	0.1
Calculated MW	60.0 kDa KDa

FRK, Active recombinant protein - Additional Info

Gene ID	2444
Gene Symbol	FRK

Other Names

FRK, fyn-related kinase, FYN-related kinase, Nuclear tyrosine protein kinase RAK, Protein-tyrosine kinase 5

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

FRK, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FRK, Active recombinant protein - Images**FRK, Active recombinant protein - Background**

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 (1). Overexpression of FRK in β -cells from the pancreas increases the susceptibility of these cells to β -cell-toxic events (hallmark of Type I diabetes)(2).