

FGR recombinant protein

FGR, Active

CATALOG # AAA73562	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

FGR; Active; SRC2; c-fgr; c-src2; FLJ43153; MGC75096; p55c-fgr; p58c-fgr; FGR recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for FGR recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for FGR recombinant protein	Recombinant full-length human FGR was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005248. FGR is a protooncogene that is a unique member of the tyrosine kinase gene family. Certain lymphomas (but not sarcomas or carcinomas) express FGR-related messenger RNA. This transcript is detected in Burkitt's lymphoma cell lines naturally infected with Epstein-Barr virus (EBV), but not in EBV-negative Burkitt's lymphoma cells (1). FGR expression is limited to normal peripheral blood granulocytes, monocytes, and alveolar macrophages, all of which contain 50 to 100 copies of c-fgr mRNA per cell (2).
Product Categories/Family for FGR recombinant protein	Protein Kinases ; Angiogenesis ; Cancer ; Cardiovascular Disease ; Cytoplasmic Tyrosine Kinases ; ERK/MAPK Pathway ; Inflammation
References	1. Cheah, MS. et al: fgr proto-oncogene mRNA induced in B lymphocytes by Epstein-Barr virus infection. Nature. 1986 Jan 16-22;319(6050):238-40.. 2. Willman, CL. et al: Differential expression and regulation of the c-src and c-fgr protooncogenes in myelomonocytic cells. Proc Natl Acad Sci U S A. 1987 Jul;84(13):4480-4..

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005248
Molecular Weight	~86kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fgr-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73562>