

FYN A Recombinant Protein | FYNA recombinant protein

FYN A, Active

CATALOG # AAA73573	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

FYN A; Active; SLK; SYN; MGC45350; FYNA recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for FYNA 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 FYNA recombinant protein	Full-length recombinant human FYN A was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002037. Fyn A (Fyn isoform A) is a member of the SRC tyrosine kinase oncogene family showing high homology to YES1, FGR and SRC. Fyn has been shown to phosphorylate Dab1, an intracellular adaptor protein that interacts with amyloid precursor protein (APP) and apoE receptor 2 (apoEr2)(1). The interaction of Fyn and Dab1 regulates the phosphorylation, trafficking, and processing of APP and apoEr2. Fyn expression has been shown to be significantly increased in Chronic Myelogenous Leukemia (CML)(2). Knockdown of Fyn with shRNA slows leukemia cell growth, inhibits clonogenicity, and leads to increased sensitivity to imatinib.
Product Categories/Family for FYNA recombinant protein	Protein Kinases ; Cancer ; Cardiovascular Disease ; Cytoplasmic Tyrosine Kinases ; ERK/MAPK Pathway ; Inflammation ; Invasion/Metastasis ; Neurobiology
References	- Hoe, H S. et al: Fyn modulation of Dab1 effects on amyloid precursor protein and ApoE receptor 2 processing. J. Biol. Chem. 2008 Mar 7;283(10):6288-99. - Ban, K. et al: BCR-ABL1 mediates up-regulation of Fyn in chronic myelogenous leukemia. Blood, 2008 Mar 1;111(5):2904-8.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002037
Molecular Weight	~85kDa

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/fyn-a-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73573>