Recombinant Human FYN A (N-GST tag)

Cat No:HR2R1439

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FYN
Gene ID	N/A
Accession	NM_002037
Alternative Name	SLK, SYN, MGC45350
Species	Human
Source	Insect cells
Description	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) . 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) . Knockdown of Fyn with shRNA slows leukemia cell growth, inhibits clonogenicity, and leads to increased sensitivity to imatinib.
Functions	The specific activity of FYN A was determined to be166nmol /min/mg as per activity assay protoco
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	85
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	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.