

Active Recombinant Full Length Human FYN Protein, Flag tagged

Cat. No. FYN-50H **Lot. No.** (See product label)

SPECIFICATION

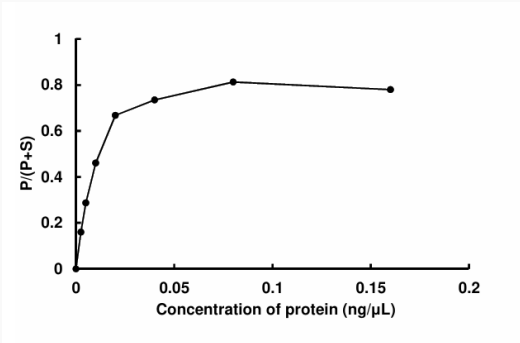
Product Overview	Full-length human FYN[isoform a] [1-537(end) amino acids of accession number NP_002028.1] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (65 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose
Species	Human
Source	Insect Cells
ProteinLength	1-537 aa
Description	This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05 % Brij35, 1 mM DTT, 10 % glycerol, pH7.5
Purity	93 %. The purity was assessed by SDS-PAGE/CBB staining.
Storage	Store at -80 centigrade. Avoid repeating freeze-thaws.

GENE INFORMATION

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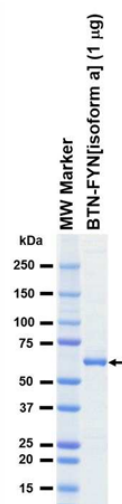
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Gene Name	FYN FYN proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]
Official Symbol	FYN
Synonyms	FYN; FYN oncogene related to SRC, FGR, YES; tyrosine-protein kinase Fyn; MGC45350; SLK; SYN; src-like kinase; proto-oncogene Syn; c-syn protooncogene; proto-oncogene c-Fyn; src/yes-related novel; tyrosine kinase p59fyn(T); OKT3-induced calcium influx regulator; p59-FYN
Gene ID	2534
mRNA Refseq	NM_002037
Protein Refseq	NP_002028
MIM	137025
UniProt ID	P06241
Activity	 The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by

MSA device. Substrate: Src tide ATP: 100 μ M

SDS-PAGE



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