

Product datasheet for **TP319374M**

FYN (NM_153047) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FYN oncogene related to SRC, FGR, YES (FYN), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219374 representing NM_153047 Red =Cloning site Green =Tags(s)

MGCVQCKDKEATKLT EERDGS LNQSSG YRYGTDPT PQHYPSFGVTSIPNYNNFHAAGGQGLTVFGGVNSS
SHTGTLRTRGGTGVT L FVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAP
VDSIQAE EWYFGKLRKDAERQLLSFGNPRGTF LIRES ETTKGAYSLSIRDWDDMKGDHVKHYKIRKLDN
GGYYITTRAQFETLQQLVQHYSEKADGLCFNLTVIASSCTPQTSGLAKDAWEVARRSLCLEKKGQGCFA
EVWLG TWNGNTKVAIKTLKPGTMSPE SFLEEAQIMKKLKHDKLVQLYAVVSEEPYIVTEYMNKGSLLDF
LKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLRSANILVGNGLICKIADFLARLIEDNEYTAR
QGAKFPIKWTAPEAALYGRFTIKSDVWSFGILLTELVTKGRVPYPGMNNREVLEQVERGYRMPCPQDCPI
SLHELMIH CWKKDPEERPTFEYLQSFLEDYFTATEPQYQPGENL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

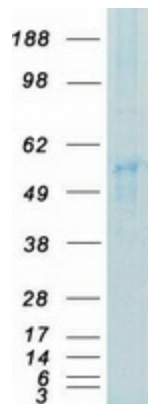
Tag:	C-Myc/DDK
Predicted MW:	60 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_694592
Locus ID:	2534
UniProt ID:	P06241
RefSeq Size:	2073
Cytogenetics:	6q21
RefSeq ORF:	1602
Synonyms:	p59-FYN; SLK; SYN
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Adherens junction, Axon guidance, Fc epsilon RI signaling pathway, Focal adhesion, Natural killer cell mediated cytotoxicity, Pathogenic Escherichia coli infection, Prion diseases, T cell receptor signaling pathway, Viral myocarditis

Product images:



Coomassie blue staining of purified FYN protein (Cat# [TP319374]). The protein was produced from HEK293T cells transfected with FYN cDNA clone (Cat# [RC219374]) using MegaTran 2.0 (Cat# [TT210002]).