

Product datasheet for PH324691

FYN (NM_002037) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FYN MS Standard C13 and N15-labeled recombinant protein (NP_002028)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224691
Predicted MW:	60.6 kDa
Protein Sequence:	>RC224691 representing NM_002037 Red=Cloning site Green=Tags(s)

MGCVQCKDKEATKLTEERDGLNQSSGYRYGTDPTPQHYPSTIPNYNNFHAAGGQGLTVFGGVNSS
SHTGTLRTRGGTGVTLFVALYDYEARTEDDL SFHKGEKFQILNSSEGDMWEARSLTTGETGYIPSNYVAP
VDSIQAEWEYFGKLGKDAERQLLSFGNPRGTFLLIRESETTKGAYSL SIRDWDDMKGDHVKHYKIRKLDN
GGYYITTRAQFETLQQLVQHYSERAAAGLCCRLVVPCHKGMPRLTDL SVKTKDVWEIPRESLQLIKRLGNG
QFGEVWMGTWNGNTKVAIKTLKPGTMSPEFLEEAQIMKKLKHDKLVQL YAVVSEEPYIYIVTEYMNKGS
LDFLKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLRSANILVGNGLICKIADFLARLIEDNEY
TARQGAKFPIKWTAPEAALYGRFTIKSDVWSFGILL TELVTKGRVPYPGMNREVLEQVERGYRMPCPQD
CPTSLHELMIHCKKDPPEERPTFEYLQSFLEDYFTATEPQYQGENL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002028</u>
RefSeq Size:	2650
RefSeq ORF:	1611



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Synonyms: p59-FYN; SLK; SYN

Locus ID: 2534

UniProt ID: [P06241](#)

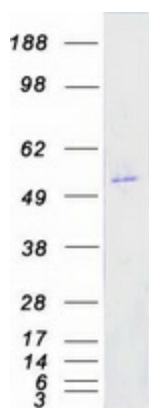
Cytogenetics: 6q21

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# [TP324691]). The protein was produced from HEK293T cells transfected with FYN cDNA clone (Cat# [RC224691]) using MegaTran 2.0 (Cat# [TT210002]).