

Product datasheet for PH319374

FYN (NM_153047) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | FYN MS Standard C13 and N15-labeled recombinant protein (NP_694592) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC219374 |
| Predicted MW: | 60 kDa |
| Protein Sequence: | >RC219374 representing NM_153047 Red=Cloning site Green=Tags(s) |

MGCVQCKDKEATKLTEERDGLNQSSGYRYGTDPTPQHYPSTGVTIPNYNNFHAAGGQGLTVFGGVNSS
SHTGTLRTRGGTGVTLFVALYDYEARTEDDL SFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAP
VDSIQAEWEYFGKLGKDAERQLLSFGNPRGTFI IRESETTKGAYSL SIRDWDDMKGDHVKHYKIRKLDN
GGYYITTRAQFETLQQLVQHYSEKADGLCFNLTVIASSCTPQTSGLAKDAWEVARRSLCLEKKLGQGCFA
EVWLGTVNGNTKVAIKTLKPGTMSPEFLEEAIQIMKKLKHDKLVQLYAVVSEEPYIYVTEYMNGSLLDF
LKDGEGRALKLPNLVDMAAQAAGMAYIERMNYIHRDLRSANILVGNGLICKIADFGLARLIEDNEYTAR
QGAKFPIKWTAPEAALYGRFTIKSDVWSFGILL TELVTKGRVPYPMNREVLEQVERGYRMPCPQDCPI
SLHELMIHCKWKDPEERPTFEYLSFLEDYFTATEPQYQPGENL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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| 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: | NP_694592 |
| RefSeq Size: | 2073 |
| RefSeq ORF: | 1602 |



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Synonyms: p59-FYN; SLK; SYN

Locus ID: 2534

UniProt ID: [P06241](#)

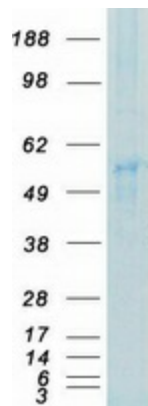
Cytogenetics: 6q21

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