

## Product datasheet for TP307620L

### FYN (NM\_153048) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FYN oncogene related to SRC, FGR, YES (FYN), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207620 protein sequence Red=Cloning site Green=Tags(s)

MGCVQCKDKEATKLTTEERDGSNLQSSGYRYGTDPTPQHYPSTGVTIPNYNNFHAAGGQGLTVFGGVNSS  
SHTGTLRTRGGTGVTLFVALYDYEARTEDDLSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAP  
VDSIQAEWYFGKLRKDAERQLLSFGNPRGTFLIRESSETTKGAYLSIRDWDDMKGDHVKHYKIRKLDN  
GGYITTRAQFETLQQLVQHYSGTWNGNTKVAIKTLKPGTMSPEFLEEAIQIMKKLKHDKLVQLYAVVSE  
EPIYIVTEYMNKGSLDLFLKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLRSANILVGNGLICK  
IADFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVWSFGILLTELVTKGRVYPYPMNREV  
LEQVERGYRMPQDCPISLHELMIHCWKKDPEERPTFEYLQSFLEDYFTATEPQQPGENL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.3 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_694593](#)

Locus ID: 2534

UniProt ID: [P06241](#)

RefSeq Size: 2959

Cytogenetics: 6q21

RefSeq ORF: 1446

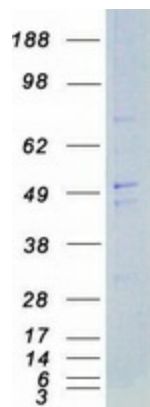
Synonyms: p59-FYN; SLK; SYN

**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# [TP307620]). The protein was produced from HEK293T cells transfected with FYN cDNA clone (Cat# [RC207620]) using MegaTran 2.0 (Cat# [TT210002]).