

## Product datasheet for **TP325842M**

### LYN (NM\_001111097) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN), transcript variant 2, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC225842 representing NM\_001111097  
**Red**=Cloning site **Green**=Tags(s)

MGCIKSKGKDSLSDDGVDLKTQVPESQLLPGQRFQTKDPEEQGDIVVALYPYDGIHPDDL SFKKGEKMK  
VLEEHEGWWKAKSLLTKKEGFIPSNYVAKLNTLETEEWWFKDITRKDAERQLLAPGNSAGAF LIRESE TL  
KGSFSLSVRDFDPVHGDVIKHYKIRSLDNGGYISPRITFPCISDMIKHYQKQADGLCRRLEKACISPKP  
QKPWDKDAWEIPRESIKLVKRLGAGQFGEVWVMGYNNSTKVAVKTLKPGTMSVQAFLEEANLMKTLQHDK  
LVRLYAVVTREEPIYIITEYMAKGSLLDFLKSDEGGKVLLPKLIDFSAQIAEGMAYIERKNYIHRDLRAA  
NVLVSESLMCKIADFGLARVIEDNEYTAREGAKFPIKWTAPEAINFGCFTIKSDVWSFGILLYEIVTYGK  
IPYPGRTNADVMTALSQGYRMPRVENCPELDYDIMKMCWKEKAEERPTFDYLQSVLDDFFYTATEGQYQQQ  
P

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 55.9 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.

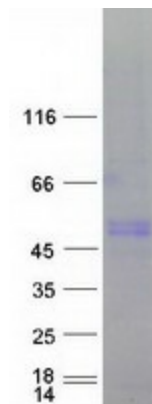
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001104567</a>
<b>Locus ID:</b>	4067
<b>UniProt ID:</b>	<a href="#">P07948</a> , <a href="#">Q6NUK7</a> , <a href="#">P07948-2</a>
<b>Cytogenetics:</b>	8q12.1
<b>RefSeq ORF:</b>	1473
<b>Synonyms:</b>	JTK8; p53Lyn; p56Lyn
<b>Summary:</b>	This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways:</b>	B cell receptor signaling pathway, Chemokine signaling pathway, Epithelial cell signaling in Helicobacter pylori infection, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Long-term depression

**Product images:**

Coomassie blue staining of purified LYN protein (Cat# [TP325842]). The protein was produced from HEK293T cells transfected with LYN cDNA clone (Cat# [RC225842]) using MegaTran 2.0 (Cat# [TT210002]).