

Product datasheet for TP308183L

SYT9 (NM_175733) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptotagmin IX (SYT9), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208183 protein sequence Red=Cloning site Green=Tags(s)

MPGARDALCHQALQLLAELCARGALEHDSCQDFIYHLRDRARPRLRDPDISVSLLLVWTACGLALFGVSLFVSWKLCWVPWRERGLPSGSKDNNQEPLNYMDTETNEQENSEDFLDPPTPCPDSSMKISHTSPDIPLSTQTGIQENCAHGVRVQRQVTEPTSSARHNSIRRQLNLSNPDFNIQQLQKQEQLTGIGRIKPELYKQRSLDNDGRRSNSKACGKLNFIKYDCDLEQLIVKIHKAVNLPKDFSGTSDPYVKIYLLPDRKTKHQTKVHRKTLNPFVDEVFLLPVPYNDLEARKLHFSVYDFDRFSRHDLIGQVVDHFLDLADFPRECILWKDIEYVTNDNVDLGELMFSLCYLPTAGRLTITIIKARNLKAMDITGASDPYVKVSLMCDGRRLKRRKTSTKRNTLNPVYNEAIVFDVPPENIDQIHLSIAVMDYDRVGHNEIIGVCQVGNEAERLGRDHWSEMSLYPRKPIAHWHSLSLVEKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56 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_783860](#)

Locus ID: 143425

UniProt ID: [Q86SS6](#)

RefSeq Size: 3958

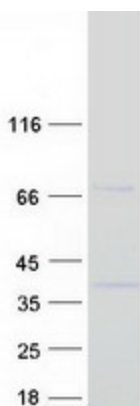
Cytogenetics: 11p15.4

RefSeq ORF: 1473

Summary: May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis.[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified SYT9 protein (Cat# [TP308183]). The protein was produced from HEK293T cells transfected with SYT9 cDNA clone (Cat# [RC208183]) using MegaTran 2.0 (Cat# [TT210002]).