

## Product datasheet for PH308183

### SYT9 (NM\_175733) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SYT9 MS Standard C13 and N15-labeled recombinant protein (NP_783860)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208183
Predicted MW:	56.2 kDa
Protein Sequence:	>RC208183 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPGARDALCHQALQLLAELCARGALEHDSQCQDFIYHLRDRARPRLRDPDISVSLLLTLVVTACGLALFGVSLFVSWKLCWVPWRERGLPSGSKDNNQEPLNYMDTETNEQENSEDFLDPPTPCPDSSMKISHTSPDIPLSTQTGIQENCAHGVRVQRQVTEPTSSARHNSIRRQLNLSNPDFNIQQLQKQEQLTGIGRIKPELYKQRSLDNDGRRSNSKACGKLNFIKLYDCDLEQLIVKIHKAVNLPKDFSGTSDPYVKIYLLPDRKTKHQTKVHRKTLNPFVDFEVLFPVPYNDLEARKLHFSVYDFDRFSRHDLIGQVVVDHFLDLADFPRECILWKDIEYVTNDNVDLGELMFSLCYLPTAGRLTITIIKARNLKAMDITGASDPYVKVSLMCDGRRLKRRKTSTKRNTLNPVYNEAIVFDVPPENIDQIHLIAVMDYDRVGHNEIIGVCQVGNEAERLGRDHWSEMLSYPKPIAHWHSLVEK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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><a href="#">NP_783860</a></u>
RefSeq Size:	3958
RefSeq ORF:	1473



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Locus ID: 143425

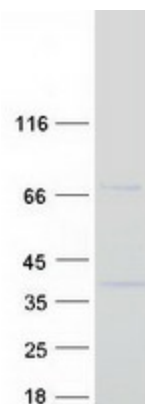
UniProt ID: [Q86SS6](#)

Cytogenetics: 11p15.4

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]).