

Recombinant Human SYT6 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SYT6-329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYT6 MS Standard C13 and N15-labeled recombinant protein (NP_995320) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the synaptotagmin family. Synaptotagmins share a common domain structure that includes a transmembrane domain and a cytoplasmic region composed of 2 C2 domains, and are involved in calcium-dependent exocytosis of synaptic vesicles. This protein has been shown to be a key component of the secretory machinery involved in acrosomal exocytosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2011]
Molecular Mass	48.4 kDa
AA Sequence	MPWRNKEASSPSSANPPLEALQSPSFRGNMADKLKDPSTLGFLEAAVKISHTSPDIP AEVQMSVKEHIMRHTLRQTTEPASSTRHTSFKRHLPRQMHVSSVDYGNELPPA AEQPTSIGRIKPELYKQKSVDGEDAKSEATKSCGKINFSLRYDYETETLIVRILKAFDL PAKDFCGSSDPYVKIYLLPDRKCKLQTRVHRKTLNPTFDENFHPVPYEELADRKLH LSVFDFDRFSRHDMIGEVLNLFASDLSRETSIWKDIQYATSESVDLGEIMFSLCYL PTAGRLTLTVIKCRNLKAMDITGYSDPYVKVSLLCDGRRLKKKKTITKNTLNPVYNE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AIIFDIPPENMDQVSLISVMDYDRVGHNEIIGVCRVGITAEGGLGRDHWNEMLAYPRK
PIAHWHSLVEVKKSFKKEGNPRLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SYT6 synaptotagmin VI [Homo sapiens (human)]

Official Symbol SYT6

Synonyms SYT6; synaptotagmin VI; synaptotagmin-6; sytVI;

Gene ID 148281

mRNA Refseq NM_205848

Protein Refseq NP_995320

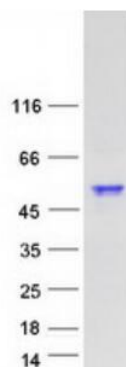
MIM 607718

UniProt ID Q5T7P8

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SDS-PAGE

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