

Recombinant Human SYNGR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYNGR1-3300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYNGR1 MS Standard C13 and N15-labeled recombinant protein (NP_663783) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified.
Molecular Mass	21 kDa
AA Sequence	MEGGAYGAGKAGGAFDPYTLVRQPHTILRVVSWLFSIVVFGSIVNEGYLNSASEGEE FCIYNRNPACSYGVAVGVLAFCLTCLLYLALDVYFPQISSVKDRKKAVLSDIGVSAFW AFLWVGFCYLANQWQVSKPKDNPLNEGTDAAARAAIAFSFFSIFTWSLTAALAVRRF KDLSFQEEYSTLFPASAQPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

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

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 SYNGR1 synaptogyrin 1 [Homo sapiens (human)]

Official Symbol SYNGR1

Synonyms SYNGR1; synaptogyrin 1; synaptogyrin-1

Gene ID 9145

mRNA Refseq NM_145731

Protein Refseq NP_663783

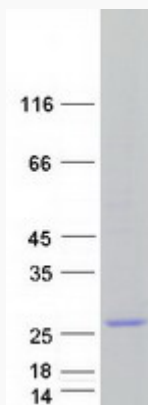
MIM 603925

UniProt ID O43759

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SDS-PAGE

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