

Recombinant Human SYNGR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYNGR2-3148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYNGR2 MS Standard C13 and N15-labeled recombinant protein (NP_004701) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an integral membrane protein containing four transmembrane regions and a C-terminal cytoplasmic tail that is tyrosine phosphorylated. The exact function of this protein is unclear, but studies of a similar rat protein suggest that it may play a role in regulating membrane traffic in non-neuronal cells. The gene belongs to the synaptogyrin gene family. Alternative splicing results in multiple transcript variants.
Molecular Mass	24.8 kDa
AA Sequence	MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQ MYCVFNRNEDACRYGSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLIGDLLFSAL WTFLWFVGFCLTNQWAVTNPKDVLVGADSVRAAITFSFFSIFSWGVLASLAYQRY KAGVDDFIQNYVDPTDPNTAYASYPGASVDNYQQPPFTQNAETTEGYQPPPVYS GPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

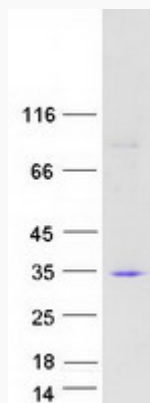
GENE INFORMATION

Gene Name	SYNGR2 synaptogyrin 2 [Homo sapiens (human)]
Official Symbol	SYNGR2
Synonyms	SYNGR2; synaptogyrin 2; synaptogyrin-2; cellugyrin; MGC102914;
Gene ID	9144
mRNA Refseq	NM_004710
Protein Refseq	NP_004701
MIM	603926
UniProt ID	O43760

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SDS-PAGE

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