

Product datasheet for PH301819

Synaptogyrin 2 (SYNGR2) (NM_004710) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SYNGR2 MS Standard C13 and N15-labeled recombinant protein (NP_004701)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201819
Predicted MW:	24.8 kDa
Protein Sequence:	>RC201819 protein sequence Red=Cloning site Green=Tags(s) MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCVFNRNEDACRY GSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIIGDLLFSALWTFWVGFCLTNQWAVTNPKDVLV GADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQNYVDPTPDPNTAYASYPGASVDNYQQPPFTQ NAETTEGYQPPPVY SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_004701
RefSeq Size:	1694
RefSeq ORF:	672
Locus ID:	9144
UniProt ID:	O43760 , A0A024R8T9
Cytogenetics:	17q25.3



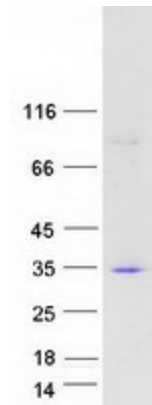
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Summary:

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. [provided by RefSeq, Feb 2016]

Protein Families:

Transmembrane

Product images:

Coomassie blue staining of purified SYNGR2 protein (Cat# [TP301819]). The protein was produced from HEK293T cells transfected with SYNGR2 cDNA clone (Cat# [RC201819]) using MegaTran 2.0 (Cat# [TT210002]).