

Product datasheet for **TP301819M**

Synaptogyrin 2 (SYNGR2) (NM_004710) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human synaptogyrin 2 (SYNGR2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201819 protein sequence
Red=Cloning site **Green**=Tags(s)

MESGAYGAAKAGGSFDLRRFLTQPQWARAVCLVFALIVFSCIYGEGYSNAHESKQMYCVFNEDACRY
GSAIGVLAFLASAFFLVVDAYFPQISNATDRKYLVIIGDLLFSALWTFWVFGFCFLTQWAVTNPKDVLV
GADSVRAAITFSFFSIFSWGVLASLAYQRYKAGVDDFIQNYVDPTPDPNTAYASYPGASVDNYQQPPFTQ
NAETTEGYQPPPVY

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004701](#)

Locus ID: 9144

UniProt ID: [O43760](#), [A0A024R8T9](#)



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RefSeq Size: 1694

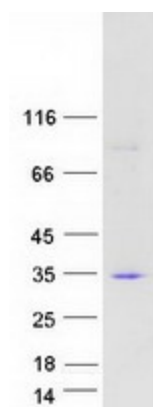
Cytogenetics: 17q25.3

RefSeq ORF: 672

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]).