

Product datasheet for **TP300562M**

Synaptogyrin 1 (SYNGR1) (NM_145731) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human synaptogyrin 1 (SYNGR1), transcript variant 1b, 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200562 protein sequence
Red=Cloning site **Green**=Tags(s)

MEGGAYGAGKAGGAFDPYTLVRQPHTILRVSWLFSIVVFGSIVNEGYLNSASEGEEFCIYNRNPACSY
GVAVGVLAFLTCLLYLALDVYFPQISSVKDRKKAVLSDIGVSAFWAFLWFGFCYLANQWQVSKPKDNPL
NEGTDAARAAIAFSFFSIFTWSLTAALAVRRFKDLSFQEEYSTLFPASAQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 20.9 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_663783](#)

Locus ID: 9145

UniProt ID: [O43759](#)

RefSeq Size: 1341



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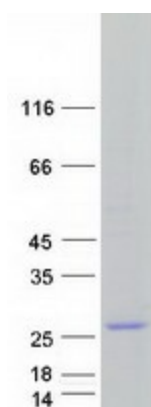
Cytogenetics: 22q13.1

RefSeq ORF: 573

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SYNGR1 protein (Cat# [TP300562]). The protein was produced from HEK293T cells transfected with SYNGR1 cDNA clone (Cat# [RC200562]) using MegaTran 2.0 (Cat# [TT210002]).