

Product datasheet for **TP762566**

Rapsyn (RAPSN) (NM_032645) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human receptor-associated protein of the synapse (RAPSN), transcript variant 2, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of RAPSN
Tag:	N-GST and C-HIS
Predicted MW:	39.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_116034
Locus ID:	5913
UniProt ID:	Q13702 , A0A0S2Z4M9 , Q13702-2
RefSeq Size:	1494
Cytogenetics:	11p11.2
RefSeq ORF:	1059
Synonyms:	CMS4C; CMS11; FADS; FADS2; RAPSYN; RNF205



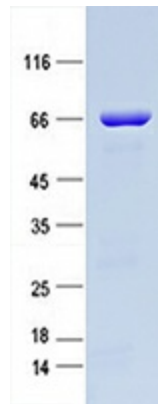
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Summary:

This gene encodes a member of a family of proteins that are receptor associated proteins of the synapse. The encoded protein contains a conserved cAMP-dependent protein kinase phosphorylation site, and plays a critical role in clustering and anchoring nicotinic acetylcholine receptors at synaptic sites by linking the receptors to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin. Mutations in this gene may play a role in postsynaptic congenital myasthenic syndromes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2011]

Protein Families:

Druggable Genome

Product images:

Coomassie blue staining of purified RAPSN protein (Cat #TP762566). The protein was produced from E.coli.