

Recombinant Full Length Mouse Rapsn Protein, His-tagged

Cat. No. Rapsn-7312M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse RAPSN protein, fused to His-tag at N-terminus, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-412
Description	Postsynaptic protein required for clustering of nicotinic acetylcholine receptors (nAChRs) at the neuromuscular junction. It may link the receptor to the underlying postsynaptic cytoskeleton, possibly by direct association with actin or spectrin.
Form	Liquid
Molecular Mass	48.8 kDa
AA Sequence	MGSSHHHHHSSGLVPRGSHMGSMGQDQTKQKQIEKGLQLYQSNQTEKALQVWM KVLEKGSDDLVRFRVLGCLVTAHSEMGRYKEMLKFAVVQIDTARGLEDADFLLESYL NLARSNEKLCEFHKTISYCKTCLGLPGTRAGAQLGGQVSLSMGNAFLGLSLFQKALE SFEKALRYAHNNDDTMLECRVCCSLGSFYAQVKDYEKALFFPCKAAELVNDYGKG WSLKYRAMSQYHMAVAYRLLGHLGSAMECCESMKIALQHGDRLQALCLLCFADI HRSRGDLETAFPRYDSAMSIMTEIGNRLGQVHVLLGVAKCWMARKVQDKALDAIEK AQDLAAEEVGNKLSQLKLHCLSESIYRSKGLQREL RTHVVRFHECVEETELYCGLCGE SIGERN SRLQALPCSHIFHLRCLQNNGTRSCPNCRSSMKPGFV

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Purity	> 85 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M Urea

GENE INFORMATION

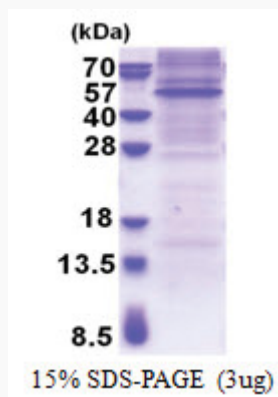
Gene Name	Rapsn receptor-associated protein of the synapse [<i>Mus musculus</i> (house mouse)]
Official Symbol	Rapsn
Synonyms	Rapsn; receptor-associated protein of the synapse; r; Raps; 43kDa; Nraps; rapsyn; 43 kDa receptor-associated protein of the synapse; 43 kDa postsynaptic protein; 43kDa acetylcholine receptor-associated protein; acetylcholine receptor-associated 43 kDa protein; receptor-associated protein of the synapse, 43 kDa
Gene ID	19400
mRNA Refseq	NM_009023
Protein Refseq	NP_033049
UniProt ID	P12672

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SDS-PAGE



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