

Product datasheet for **AR51226PU-N**

RAPSN / RNF205 (1-412, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RAPSN / RNF205 (1-412, His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGQDQTK QQIEKGLQLY QSNQTEKALQ VWMKVLEKGS DLVGRFRVLG CLVTAHSEMG RYKEMLKFAV VQIDTARGLE DADFLLESYL NLARSNEKLC EFHKTISYCK TCLGLPGTRA GAQLGGQVSL SMGNAFLGLS LFQKALESFE KALRYAHNND DTMLECRVCC SLGSFYAQVK DYKALFFPC KAAELVNDYG KGWSLKYRAM SQYHMAVAYR LLGHLGSAME CCEESMKIAL QHGDRPLQAL CLLCFADIHR SRGDLEAFP RYDSAMSIMT EIGNRLQVH VLLGVAKCWM ARKVQDKALD AIEKAQDLAE EVGNKLSQLK LHCLSESIYR SKGLQRELRT HVMRFHECVE ETELYCGLCG ESIGERN SRL QALPCSHIFH LRCLQNNGTR SCPNCRRSSM KPGFV
Tag:	His-tag
Predicted MW:	48.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse RAPSN protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_033049
Locus ID:	19400
UniProt ID:	P12672
Cytogenetics:	2 50.44 cM



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Synonyms: 43kDa; Nrap; Raps; rapsyn

Summary: 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 (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images:

