

Product datasheet for **AR50806PU-N**

Synaptotagmin-4 (38-425, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Synaptotagmin-4 (38-425, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MCQRKSSKSN KTPPYKVVHV LKGVDIYPEN LNSKKKFGAD DKNEVKNKPA VPKNSLHLDL EKRDNLNGNFP KTNLKP GSPS DLENATPKLF LEGEKESVSP ESLKSSTSLT SEEKQEKLG T LFFSLEYNFE RKA FVVNIKE ARGLPAMDEQ SMTSDPYIKM TILPEKHKHV KTRVLRKTL D PAFDETFTFY GIPYTQIQEL ALHFTILSFD RFSRDDIIGE VLIPLSGIEL SEGKMLM NRE IIKRNV RKSS GRGELLISLC YQSTTNTLTV V LKARHLPK SDVSGLSDPY VKVNL YHAKK RISKKKTHVK KCTPNAVFNE L FVFDIPCEG LEDISVEFLV LDSERGRNE VIGQLVLGAA AEGTGGEHWK EICDYPRRQI AKWHVLC DG
Tag:	His-tag
Predicted MW:	46.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SYT4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_065834
Locus ID:	6860
UniProt ID:	Q9H2B2
Cytogenetics:	18q12.3



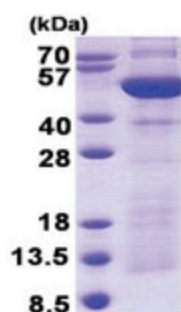
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Synonyms: HsT1192

Summary: May be involved in Ca²⁺-dependent exocytosis of secretory vesicles through Ca²⁺ and phospholipid binding to the C2 domain or may serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003).[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

Product images:



15% SDS-PAGE (3ug)