

Product datasheet for **AR50806PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Synaptotagmin-4 (38-425, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MCQRKSSKSN KTPPYKFVHV LKGVDIYPEN LNSKKKFGAD DKNEVKNKPA VPKNSLHLDL EKRDNLNGNFP KTNLKP GSPS DLENATPKLF LEGEKESVSP ESLKSSTSLT SEEKQEKLGT LFFSLEYNFE RKAFFVNIKE ARGLPAMDEQ SMTSDPYIKM TILPEKHKHV KTRVLRKTLT PAFDETFTFY GIPYTQIQEL ALHFTILSFD RFSRDDIIGE VLIPLSGIEL SEGKMLM NRE IIKRNVKSS GRGELLISLC YQSTTNTLTV VLKARHLPK SDVSGLSDPY VKVNL YHAKK RISKKKTHVK KCTPNAVFNE LFFVDIPCEG LEDISVEFLV LDSEGRSRNE 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 0.1 M 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



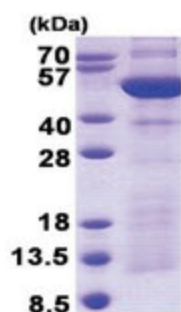
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Synonyms: HsT1192

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)