

**AR51027PU-S****Human Synaptotagmin-13 (30-426, His-tag) - Purified**

<b>Alternate names:</b>	KIAA1427, SYT-13, SYT13, Synaptotagmin 13, Synaptotagmin XIII, SytXIII
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.25 mg/ml (determined by Bradford assay)
<b>Background:</b>	SYT13 is a member of the large synaptotagmin protein family. Family members have an extracellular N-terminal transmembrane domain and a cytoplasmic C terminus with two tandem C2 domains (C2A and C2B). Synaptotogmin family members can form homo- and hetero
<b>Uniprot ID:</b>	<a href="#">Q7L8C5</a>
<b>NCBI:</b>	<a href="#">NP_065877</a>
<b>GeneID:</b>	<a href="#">57586</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >85% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT, 1mM PMSF, 1mM EDTA.
<b>Description:</b>	<b>AA Sequence:</b> MGSSHHHHH SGLVPRGSH MGSCRHMPK KGLLPRDQDP DLEKAKPSLL GSAQQFNVKK STEPVQPRAL LKFPDIYGPR PAVTAPEVIN YADYSLRSTE EPTAPASPQP PND SRLKRQV TEELFILPQN GVVEDVCVME TWNPEKAASW NQAPKLHYCL DYDCQKAELF VTRLEAVTSN HDGGCDCYVQ GSVANRTGSV EAQTALKKRQ LHTTWEGLV LPLAEEELPT ATLTTLTRTC DRFSRHSVAG ELRLGLDGTS VPLGAAQWGE LKTSAKEPSA GAGEVLLSIS YLPAANRLLV VLIKAKNLHS NQSKELLGKD VSVKVTLKHQ ARKLKKKQTK RAKHKINPVW NEMIMFELPD DLLQASSVEL EVLGQDDSGQ SCALGHCSLG LHTSGSERSH WEEMLNPRR QIAMWHQLHL <b>Molecular weight:</b> 46.5 kDa (420aa), confirmed by MALDI-TOF
<b>Storage:</b>	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. Shelf life: one year from despatch.
<b>General Readings:</b>	Fukuda M, et al. (2001). Biochem J. 354(Pt 2):249-57.

Pictures:

