

## Product datasheet for **AR50437PU-S**

### Syntaxin 2 / STX2 (1-264, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Syntaxin 2 / STX2 (1-264, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMRDRL PDLTACRKN DGDVWVEK DHFMDDFFHQ VEEIRNSIDK ITQYVEEVKK NHSIILSAPN PEGKIKEELE DLNKEIKKTA NKIRAKLKAI EQSFDQDESG NRTSVDLRIR RTQHSVLSRK FVEAMAENE AQTLFRERSK GRIQRQLEIT GRITTTDELE EMLESGKPSI FTSDIISDSQ ITRQALNEIE SRHKDIMKLE TSIRELHEMF MDMAMFVETQ GEMINNIERN VMNATDYVEH AKEETKKAIK YQSKARRKK
Tag:	His-tag
Predicted MW:	33.6 kDa
Concentration:	lot specific
Purity:	>95% 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, 50% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human STX2 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:	<a href="#">NP_001337978</a>
Locus ID:	2054
Cytogenetics:	12q24.33
Synonyms:	EPIM; EPM; STX2A; STX2B; STX2C



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**Summary:** The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** SNARE interactions in vesicular transport

**Product images:**

