

# Product datasheet for AR50360PU-S

### Syntaxin 12 / STX12 (1-248, His-tag) Human Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Syntaxin 12 / STX12 (1-248, His-tag) human recombinant protein, 20 µg Species: Human E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MGSHMSYGPL DMYRNPGPSG PQLRDFSSII QTCSGNIQRI Expression cDNA Clone or AA Sequence: SQATAQIKNL MSQLGTKQDS SKLQENLQQL QHSTNQLAKE TNELLKELGS LPLPLSTSEQ RQQRLQKERL MNDFSAALNN FQAVQRRVSE KEKESIARAR AGSRLSAEER QREEQLVSFD SHEEWNQMQS QEDEVAITEQ DLELIKERET AIRQLEADIL DVNQIFKDLA MMIHDQGDLI DSIEANVESS EVHVERATEQ LQRAAYYQKK SR Tag: His-tag Predicted MW: 31.0 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 0.2M NaCl, 20% glycerol, 1 mM DTT Liquid purified protein **Preparation: Protein Description:** Recombinant human STX12 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 803173 Locus ID: 23673 **UniProt ID:** Q86Y82 Cytogenetics: 1p35.3 Synonyms: STX13: STX14



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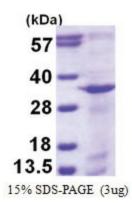
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Summary:	SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network. The SNARE complex containing STX6, STX12, VAMP4 and VTI1A mediates vesicle fusion (in vitro) (By similarity). Through complex formation with GRIP1, GRIA2 and NSG1 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity).[UniProtKB/Swiss-Prot Function]
Protein Families	: Druggable Genome, Transmembrane
Protein Pathway	vs: SNARE interactions in vesicular transport

## Product images:



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