

## AR51599PU-N

## Human STXBP6 / Amysin (1-210, His-tag) - Purified

**Alternate names:**

HSPC156, Syntaxin-binding protein 6

**Quantity:**

0.5 mg

**Concentration:**

0.5 mg/ml (determined by Bradford assay)

**Background:**

STXBP6, also known as Syntaxin-binding protein 6, binds components of the SNARE complex and may be involved in regulating SNARE complex formation. This protein forms non-fusogenic complexes with SNAP25 and STX1A and may thereby modulate the formation of functional.

**Uniprot ID:**

[Q8NFX7](#)

**NCBI:**

[NP\\_054897](#)

**GeneID:**

[29091](#)

**Species:**

Human

**Source:**

E. coli

**Format:**

**State:** Liquid purified protein

**Purity:** >90% by SDS - PAGE

**Buffer System:** 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl, 1mM DTT

**Description:**

Recombinant human STXBP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**AA Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMASAKSAI SKEIFAPLDE RMLGAVQVKR RTKKKIPFLA  
TGGQGEYLT Y ICLSVTNKKP TQASITKVKQ FEGSTSFVRR SQWMLEQLRQ VNGIDPNGDS  
AEFDLLFENA FDQWVASTAS EKCTFFQILH HTCQRYLTDR KPEFINCQSK IMGGNSILHS  
AADSVTSVAVQ KASQALNERG ERLGRAEEKT EDLKNQAQQF AETAHKLAMK HKC

**Molecular weight:** 25.9 kDa (233aa) confirmed by MALDI-TOF

**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. Shelf life: one year from despatch.

**General Readings:**

Krintel SB. et al. (2012) PLoS One. 7(6):e38539. doi: 10.1371 Scales SJ. et al. (2002) J Biol Chem. 277:28271-28279.

Pictures:

