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Schillerstr. 5

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:

MGSSHHHHH SSGLVPRGSH MGSMSAKSAI SKEIFAPLDE RMLGAVQVKR RTKKKIPFLA TGGQGEYLTY ICLSVTNKKP TQASITKVKQ FEGSTSFVRR SQWMLEQLRQ VNGIDPNGDS AEFDLLFENA FDQWVASTAS EKCTFFQILH HTCQRYLTDR KPEFINCQSK IMGGNSILHS

AADSVTSAVQ KASQALNERG ERLGRAEEKT EDLKNSAQQF AETAHKLAMK HKC

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

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

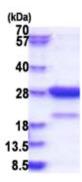
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

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:



15% SDS-PAGE (3ug)