

STXBP6, 1-210aa, Human, His tag, E.coli

Cat.NO.: TP04082

3th Edition

Synonyms:Syntaxin-binding protein 6, amisyn, HSPC156

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

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

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGMSAKSAISKEIFAPLDERMLGAVQVKRRTKKKIPFLATGGQGEYLTLYICLSVT
NKKPTQASITKVKQFEGSTSFVRRSQWMLEQLRQVNGIDPNGDSAEDLLFENAFDQWVASTASEKCTFFQILHHT
CQRYLTDRKPEFINCQSKIMGGNSILHSAADSVTSVQKASQALNERGERLGRAEEKTEDLKNSAQQFAETAHKLA
MKHKC

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.