

STX6, 1-234aa, Human, His tag, E.coli

Cat.NO.: TP04081

3th Edition

Synonyms: syntaxin 6,

Description: STX6 belongs to the syntaxin family and contains 1 t-SNARE coiled-coil homology domain. This protein is involved in intracellular vesicle trafficking. STX6 binds EEA1 and Interacts with VPS45A, MARCH2, MARCH3 and GOPC. It is identified in a complex containing STX6, STX12, VAMP4 and VTI1A. Recombinant human STX6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

Molecular Weight: 29.2kDa (257 aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMEDPFFVVKGEVQKAVNTAQGLFQRWTELLQDPSTATREEIDWTTNEL
RNNLRSIEWDLEDLDETISIVEANPRKFNLDATELSIRKAFITSTRQVVVDMKDKMSTSSVQALAEKRNQALLGDS
GSQNWSTGTTDKYGRLDRELQRANSHFIEEQQAQQQLIVEQQDEQLELVSGSIGVLKNMSQRIGGELEEQAVMLE
DFSHELESTQSRLDNVMKKLAKVSHMTSDRRQ

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.