

**Recombinant Human Syntaxin-6/STX6 Protein**

**Cat.NO.: TP05705**

3th Edition

**Synonyms:**Syntaxin-6; STX6

**Description:**Syntaxin-6 (STX6) is a single-pass type IV membrane protein, which belongs to the Syntaxin family. STX6 is mainly localized in the plasma membrane. STX6 contains one t-SNARE coiled-coil homology domain and involved in intracellular vesicle trafficking. When STX6 function is inhibited, internalization through caveolae is dramatically reduced, whereas other endocytic mechanisms are unaffected. It is reported that STX6 is necessary for proper expression of focal adhesion kinase and integrin alpha5 adhesion receptor.

**Form:**PBS

**Molecular Weight:**26.8 kDa

**Sequences:**Ser2-Gln234

**Purity:**> 95% by HPLC

**Concentration:**

**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.