



Recombinant Protein Technical Manual

Recombinant Human YKT6 Protein (His Tag)

RPES0376

Product Data:

Product SKU: RPES0376

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O15498

Protein Information:

Molecular Mass: 24.5 kDa

AP Molecular Mass: 28 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 50mM Tris, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Synaptobrevin homolog YKT6; YKT6

Immunogen Information:

Sequence: Met 1-Met 198

Background:

Synaptobrevin Homolog YKT6 (YKT6) is an enzyme that belongs to the Synaptobrevin family. YKT6 contains a longin domain and a v-SNARE coiled-coil homology domain. YKT6 is highly conserved from yeast to human and it can functionally complement the loss of the yeast homolog in the yeast secretory pathway. It is a membrane associated, isoprenylated protein that functions at the endoplasmic reticulum-Golgi transport step. YKT6 is considered as one of the SNARE recognition molecules implicated in vesicular transport between secretory compartments.