Recombinant TSN6 protein (His tag)

Catalog Number	548653
Synonyms	Tspan-6; A15 homolog; Putative NF-kappa-B-activating protein 321; T245 protein; Tetraspanin TM4-D; Transmembrane 4 superfamily member 6
Species	Human
Expression System	E. coli
Accession	O43657
Molecular Weight	Predictes a molecular mass of 12.63 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	115-208
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 115-208 aa (O43657) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	This recombinant protein product features a 94-amino acid fragment (residues 115-208) of human Tetraspanin-6 (Tspan-6), a multi-pass membrane protein. The fragment was computationally selected for stability and solubility, making it ideal for structural studies, biochemical assays, and functional investigations in life science research. Tetraspanin-6 (Tspan-6) is a member of the transmembrane 4 superfamily, known for its role as a multi-pass membrane protein localized to the cell membrane. While specific functional details are not provided, tetraspanins generally participate in organizing membrane complexes, regulating signal transduction, and influencing processes such as cell adhesion, motility, and protein trafficking. This makes Tspan-6 a protein of interest in cellular and molecular biology research, particularly in studies of membrane dynamics and intercellular communication.