Recombinant TSACC protein (His tag)

Catalog Number	549050
Synonyms	SSTK-interacting protein; SIP; SSTK-IP
Species	Human
Expression System	E. coli
Accession	Q96A04
Molecular Weight	Predictes a molecular mass of 15.32 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	1-125
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 1-125 aa (Q96A04) 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	Recombinant Human TSACC (TSSK6-activating co-chaperone protein) Fragment (1-125) is a high-purity protein fragment designed for structural and biochemical studies. This product represents a stable, soluble unit of the co-chaperone protein, ideal for investigating its role in HSP-mediated TSSK6 activation. The full-length TSACC protein (UniProt ID: Q96A04), also known as SSTK-interacting protein (SIP), functions as a co-chaperone that facilitates HSP-mediated activation of TSSK6. This protein plays a crucial role in chaperone-mediated signaling pathways, contributing to cellular processes through its interaction with heat shock proteins and TSSK6 kinase. The selected fragment (amino acids 1-125) encompasses key functional regions and was computationally optimized for stability and solubility in experimental applications.