Recombinant MCTS2 protein (His tag)

Catalog Number	551903
Species	Human
Expression System	E. coli
Accession	A0A3B3IRV3
Molecular Weight	Predictes a molecular mass of 22.00 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	1-181
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 1-181 aa (A0A3B3IRV3) 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 fragment (amino acids 1-181) of Human Malignant T-cell-amplified sequence 2 (MCTS2), designed to fully encompass the PUA functional domain. It serves as an essential tool for researchers investigating the specific biochemical and cellular roles of this domain. Malignant T-cell-amplified sequence 2 (MCTS2) is a human protein localized to the cytoplasm. The provided 1-181 fragment is engineered to contain the complete PUA domain (spanning approximately residues 92-171), enabling focused studies on the structure, interactions, and functional mechanisms associated with this specific protein region.