Recombinant TFLM protein (His tag)

Catalog Number	551898
Species	Human
Expression System	E. coli
Accession	A0A1W2PPH5
Molecular Weight	Predictes a molecular mass of 14.28 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	86-198
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 86-198 aa (A0A1W2PPH5) 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 product is a high-quality recombinant protein fragment of human TATA-box-binding protein-associated factor 11-like protein 13 (TAF11L13), encompassing residues 86-198. The 113-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and in vitro biochemical assays. TATA-box-binding protein-associated factor 11-like protein 13 (TAF11L13) is encoded by the gene TAF11L13 in Homo sapiens. As a member of the TAF family, it is implicated in the regulation of transcription initiation by RNA polymerase II. Specific functional data and subcellular localization for the full-length protein are areas of active research. The provided recombinant fragment offers a defined and tractable tool to facilitate experimental investigation into the structure and function of this protein.