Recombinant HSFX3 protein (His tag)

Catalog Number	551303
Species	Human
Expression System	E. coli
Accession	A0A1B0GWH4
Molecular Weight	Predictes a molecular mass of 18.20 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	77-216
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 77-216 aa (A0A1B0GWH4) 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 Heat shock transcription factor, X-linked member 3 (HSFX3). The fragment corresponds to amino acids 77-216, representing a stable and soluble unit specifically designed for structural biology and biochemical characterization. Heat shock transcription factor, X-linked member 3 (HSFX3) is a human protein localized to the nucleus, as indicated by its subcellular location annotation. As a member of the heat shock transcription factor family, it is implicated in the cellular stress response, although its specific molecular function is not fully characterized. The provided fragment was computationally selected to ensure stability and solubility, making it an ideal reagent for researchers investigating protein structure, protein-protein interactions, and the fundamental biology of this transcription factor.