Recombinant D11L8 protein (His tag)

Catalog Number	548890
Synonyms	DEAD/H box protein 11-like 8
Species	Human
Expression System	E. coli
Accession	A8MPP1
Molecular Weight	Predictes a molecular mass of 39.32 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 39 kDa band.

Product Information

Sequence Region	563-907
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 563-907 aa (A8MPP1) 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 Putative ATP-dependent DNA helicase DDX11-like protein 8 (DDX11L8), corresponding to amino acids 563-907. This fragment is optimized for stability and solubility, enabling reliable use in structural and biochemical studies of helicase mechanisms. The full-length Putative ATP-dependent DNA helicase DDX11-like protein 8 (EC 5.6.2.-) functions as a putative DNA helicase, suggesting a role in DNA unwinding processes. It localizes to the nucleus and nucleolus, indicating involvement in nuclear nucleic acid metabolism. This recombinant fragment supports investigations into helicase activity and related cellular functions.