Recombinant THAP8 protein (His tag)

Catalog Number	551571
Species	Human
Expression System	E. coli
Accession	Q8NA92
Molecular Weight	Predictes a molecular mass of 11.66 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-86
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 1-86 aa (Q8NA92) 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 THAP domain-containing protein 8 (THAP8) Fragment (aa 1-86). This high-quality, 86-amino acid fragment has been computationally designed for optimal stability and solubility, providing an ideal reagent for structural biology studies, biochemical characterization, and functional assays. THAP domain-containing protein 8, encoded by the THAP8 gene (UniProt ID: Q8NA92), is a human protein whose specific molecular function and subcellular localization are areas of active research. As a member of the THAP protein family, it is implicated in critical cellular processes, though its precise biological role remains to be fully elucidated. This recombinant fragment offers researchers a defined and tractable tool to advance the understanding of this protein's structure and function.