Recombinant EEPD1 protein (His tag)

Catalog Number	549806
Species	Human
Expression System	E. coli
Accession	Q7L9B9
Molecular Weight	Predictes a molecular mass of 37.73 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 38 kDa band.

Product Information

Sequence Region	242-569
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 242-569 aa (Q7L9B9) 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 Endonuclease/exonuclease/phosphatase family domain-containing protein 1 (EEPD1) fragment (residues 242-569) is a 328-amino acid protein designed for structural and biochemical studies. This fragment was computationally selected to ensure high stability and solubility, making it an ideal tool for investigating protein function and interactions in research applications. The full-length EEPD1 protein is encoded by the EEPD1 gene in Homo sapiens. While specific functional details and subcellular localization are not fully characterized, proteins in this family are typically involved in nucleic acid metabolism, including DNA repair, recombination, or degradation processes. The provided fragment (242-569) represents a stable, soluble region optimized for experimental analysis, supporting research into the protein's biological roles without inferred functional or localization data beyond the family classification.