Recombinant RD3L protein (His tag)

Catalog Number	551944
Synonyms	Retinal degeneration protein 3-like
Species	Human
Expression System	E. coli
Accession	P0DJH9
Molecular Weight	Predictes a molecular mass of 17.19 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	1-130
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 1-130 aa (P0DJH9) 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 Protein RD3-like (RD3L), encompassing residues 1-130. This 130-amino acid fragment was computationally designed to be a stable and soluble unit, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assays. The full-length human Protein RD3-like, encoded by the gene RD3L (UniProt ID: P0DJH9), is a protein of significant research interest. While specific functional data and subcellular localization for the full-length protein are not detailed here, proteins in the RD3 family are generally associated with retinal health and cellular processes. This recombinant fragment provides a defined and workable tool to investigate the properties and interactions of this protein, facilitating research into its potential biological roles.