Recombinant RGPD2 protein (His tag)

Catalog Number	551110
Synonyms	Ran-binding protein 2-like 2; RanBP2-like 2; RanBP2L2
Species	Human
Expression System	E. coli
Accession	P0DJD1
Molecular Weight	Predictes a molecular mass of 13.81 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	1648-1756
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 1648-1756 aa (P0DJD1) 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 RGPD2 (RanBP2L2) GRIP Domain Fragment (aa 1648-1756) - A high-purity protein fragment specifically designed for studying the functional properties of the GRIP domain within the RANBP2-like and GRIP domain-containing protein 2. This 109-amino acid construct provides researchers with a targeted tool for domain-specific functional analysis and interaction studies. The full-length RANBP2-like and GRIP domain-containing protein 2 (RanBP2L2), encoded by the RGPD2 gene, belongs to a family of proteins containing GRIP domains, which are known to play roles in protein-protein interactions and intracellular trafficking. While specific functional details and subcellular localization for this particular protein are not fully characterized in the provided data, proteins containing GRIP domains typically function in membrane trafficking and golgi organization processes. This recombinant fragment spanning amino acids 1648-1756 specifically encompasses the GRIP domain (aa 1693-1743), enabling focused investigation of this critical functional region.