Recombinant RFPLA protein (His tag)

Catalog Number	550314
Synonyms	RING finger protein 210
Species	Human
Expression System	E. coli
Accession	A6NLU0
Molecular Weight	Predictes a molecular mass of 33.89 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 34 kDa band.

Product Information

Sequence Region	1-287
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 1-287 aa (A6NLU0) 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 Ret finger protein-like 4A (RING finger protein 210) fragment (amino acids 1-287) from Homo sapiens, encompassing the complete B30.2/SPRY domain. This high-purity protein is an essential tool for investigating domain-specific functions in cellular mechanisms. The full-length Ret finger protein-like 4A (RING finger protein 210), encoded by the RFPL4A gene, is localized in both the cytoplasm and nucleus, as indicated by UniProt data. While a detailed functional summary is not available, its dual subcellular presence suggests potential roles in intracellular signaling, protein interactions, or regulatory processes. The B30.2/SPRY domain, included in this recombinant fragment, is often associated with protein-protein interactions, immune responses, or developmental pathways, making this product valuable for targeted studies on these mechanisms in human biology.