Recombinant RN141 protein (His tag)

Catalog Number	540870
Synonyms	Zinc finger protein 230
Species	Human
Expression System	E. coli
Accession	Q8WVD5
Molecular Weight	Predictes a molecular mass of 27.06 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 28 kDa band.

Product Information

Sequence Region	2-230
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 2-230 aa (Q8WVD5) 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 RING finger protein 141 (RNF141), also known as Zinc finger protein 230, is a high-quality protein fragment (amino acids 2-230) designed for structural and biochemical studies. This fragment represents a stable, soluble unit of the protein, ideal for investigating its potential role in spermatogenesis and related cellular processes. RING finger protein 141 (RNF141) is a human protein implicated in spermatogenesis, as supported by experimental evidence. The full-length protein is membrane-associated and lipid-anchored, suggesting its involvement in specific cellular compartments or signaling pathways. This recombinant fragment encompasses the complete functional domain (residues 2-230), providing researchers with a valuable tool to explore the molecular mechanisms underlying RNF141's biological significance in reproductive biology and beyond.