Recombinant A20A2 protein (His tag)

Catalog Number	551529
Synonyms	Ankyrin repeat domain-containing protein 20A2 pseudogene
Species	Human
Expression System	E. coli
Accession	Q5SQ80
Molecular Weight	Predictes a molecular mass of 29.10 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 33 kDa band.

Product Information

Sequence Region	509-743
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 509-743 aa (Q5SQ80) 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 the human Putative Ankyrin Repeat Domain-Containing Protein 20A2 (ANKRD20A2P). The fragment, spanning residues 509-743, has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and biochemical characterization. The full-length protein, encoded by the pseudogene ANKRD20A2P, is annotated as a putative ankyrin repeat domain-containing protein. Ankyrin repeats are common protein-protein interaction motifs involved in diverse cellular processes. While the specific biological function and subcellular localization of this particular protein are not yet fully characterized, proteins containing ankyrin repeats typically play roles in cytoskeletal organization, cell signaling, and regulation of transcription. This recombinant fragment provides a valuable tool for researchers aiming to elucidate the structure and potential interaction partners of this protein.