Recombinant A20A4 protein (His tag)

Catalog Number	551377
Synonyms	Ankyrin repeat domain-containing protein 20A4 pseudogene
Species	Human
Expression System	E. coli
Accession	Q4UJ75
Molecular Weight	Predictes a molecular mass of 29.60 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 33 kDa band.

Product Information

Sequence Region	511-749
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 511-749 aa (Q4UJ75) 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-purity recombinant protein fragment of the Putative Ankyrin Repeat Domain-containing Protein 20A4 (ANKRD20A4P) from Homo sapiens. The fragment corresponds to amino acids 511-749, a 239-residue unit computationally selected for its predicted stability and solubility, making it an ideal tool for structural biology and biochemical characterization studies. The full-length Putative Ankyrin Repeat Domain-containing Protein 20A4 is encoded by the ANKRD20A4P gene, which is annotated as a pseudogene in humans. As a pseudogene, its precise biological function and subcellular localization are not yet fully characterized. The production of this specific recombinant fragment provides researchers with a valuable reagent to initiate experimental investigation into the properties and potential functional roles of this protein.