Recombinant A20A1 protein (His tag)

Catalog Number	551973
Species	Human
Expression System	E. coli
Accession	Q5TYW2
Molecular Weight	Predictes a molecular mass of 27.20 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 28 kDa band.

Product Information

Sequence Region	33-260
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 33-260 aa (Q5TYW2) 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 human Ankyrin repeat domain-containing protein 20A1 (ANKRD20A1). The fragment, comprising residues 33-260, has been computationally selected for optimal stability and solubility, making it an ideal reagent for structural biology studies and biochemical characterization. Ankyrin repeat domain-containing protein 20A1 is encoded by the ANKRD20A1 gene in Homo sapiens. The specific biological function and subcellular localization of the full-length protein are areas of active research. This recombinant fragment provides a valuable tool for researchers investigating the structure and potential biochemical interactions of this protein, which may contribute to a better understanding of its role in cellular processes.