Recombinant A30BL protein (His tag)

Catalog Number	551329
Species	Human
Expression System	E. coli
Accession	A7E2S9
Molecular Weight	Predictes a molecular mass of 26.11 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	1-219
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 1-219 aa (A7E2S9) 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 30B-like (ANKRD30BL), encompassing residues 1-219. This fragment was specifically designed for structural and biochemical studies, offering a stable and soluble unit ideal for research applications. The full-length protein, encoded by the ANKRD30BL gene, is a human protein of interest. While specific functional data and subcellular localization details are not fully characterized, proteins containing ankyrin repeat domains are typically involved in protein-protein interactions and play diverse roles in cellular processes such as signal transduction, transcriptional regulation, and cytoskeletal organization. Research into this protein may contribute to a broader understanding of these fundamental biological mechanisms.