Recombinant LR75A protein (His tag)

Catalog Number	551222
Synonyms	Leucine-rich repeat-containing protein FAM211A
Species	Human
Expression System	E. coli
Accession	Q8NAA5
Molecular Weight	Predictes a molecular mass of 29.25 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	47-290
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 47-290 aa (Q8NAA5) 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 Leucine-rich repeat-containing protein 75A (LRRC75A) fragment (residues 47-290) is a high-quality, stable protein designed for structural and biochemical studies. This 244-amino acid fragment was computationally optimized for solubility and stability, making it ideal for research applications requiring reliable protein performance. Leucine-rich repeat-containing protein 75A (also known as FAM211A), encoded by the LRRC75A gene, is a human protein whose specific biological functions and subcellular localization are still under investigation. As a member of the leucine-rich repeat protein family, it is anticipated to participate in protein-protein interactions, which are critical for various cellular processes. Further research is needed to fully elucidate its physiological roles and mechanisms of action.