Recombinant LR74B protein (His tag)

Catalog Number	551550
Species	Human
Expression System	E. coli
Accession	Q6ZQY2
Molecular Weight	Predictes a molecular mass of 37.14 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 37 kDa band.

Product Information

Sequence Region	58-392
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 58-392 aa (Q6ZQY2) 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 high-purity recombinant protein corresponds to a stable, soluble fragment (amino acids 58-392) of human Leucine-rich repeat-containing protein 74B (LRRC74B). It is designed for structural biology and biochemical studies, providing a reliable tool for investigating this protein's properties. Leucine-rich repeat-containing protein 74B (LRRC74B) is a human protein encoded by the LRRC74B gene (UniProt ID: Q6ZQY2). The specific biological function and subcellular localization of the full-length protein are areas of active research. The provided recombinant fragment was computationally selected to represent a stable and soluble structural unit, facilitating experimental characterization and advancing the understanding of this protein's role in cellular processes.