Recombinant LRRC2 protein (His tag)

Catalog Number	552023
Species	Human
Expression System	E. coli
Accession	Q9BYS8
Molecular Weight	Predictes a molecular mass of 36.25 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 37 kDa band.

Product Information

Sequence Region	1-298
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 1-298 aa (Q9BYS8) 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 human Leucine-rich repeat-containing protein 2 (LRRC2). The fragment, spanning amino acids 1-298, has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural studies, biochemical assays, and functional characterization. Leucine-rich repeat-containing protein 2 (LRRC2), encoded by the LRRC2 gene (UniProt ID: Q9BYS8), is a human protein. While a detailed functional summary and subcellular location are not fully characterized in the provided data, proteins containing leucine-rich repeats are typically involved in protein-protein interactions, signal transduction, and cellular adhesion processes. This recombinant fragment provides a defined and soluble unit to facilitate research into the structure and molecular interactions of LRRC2, aiding in the elucidation of its biological role.