Recombinant CDR2L protein (His tag)

Catalog Number	543057
Synonyms	Paraneoplastic 62 kDa antigen
Species	Human
Expression System	E. coli
Accession	Q86X02
Molecular Weight	Predictes a molecular mass of 19.21 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-149
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 1-149 aa (Q86X02) 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 CDR2L (Cerebellar degeneration-related protein 2-like) Fragment (1-149) is a high-quality protein preparation designed for structural and biochemical research. This 149-amino acid fragment was computationally selected to provide a stable, soluble unit of the paraneoplastic 62 kDa antigen, offering researchers a reliable tool for investigating protein function and interactions. Cerebellar degeneration-related protein 2-like (CDR2L), also known as Paraneoplastic 62 kDa antigen, is a human protein encoded by the CDR2L gene. While specific functional details and subcellular localization information are not fully characterized in the provided data, this protein is recognized for its association with paraneoplastic neurological disorders. The recombinant fragment (amino acids 1-149) represents a strategically selected portion of the full-length protein, optimized for experimental applications where stability and solubility are critical for successful research outcomes.