Recombinant CH074 protein (His tag)

Catalog Number	551395
Species	Human
Expression System	E. coli
Accession	Q6P047
Molecular Weight	Predictes a molecular mass of 32.09 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 33 kDa band.

Product Information

Sequence Region	1-263
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 1-263 aa (Q6P047) 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 C8orf74 (1-263) is a high-purity, soluble protein fragment designed for structural biology and functional studies. This 263-amino acid fragment, derived from the uncharacterized protein C8orf74, has been computationally optimized for stability and solubility, making it an ideal reagent for researchers investigating novel human proteins. The full-length C8orf74 protein (UniProt ID: Q6P047) is a human protein of unknown function. As an uncharacterized protein, it represents a potential target for novel biological discovery. The specific function and subcellular localization of the native protein are not yet defined, highlighting the need for high-quality research tools like this recombinant fragment to enable initial characterization studies and hypothesis generation.