Recombinant CS018 protein (His tag)

Catalog Number	550194
Species	Human
Expression System	E. coli
Accession	Q8NEA5
Molecular Weight	Predictes a molecular mass of 12.58 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	122-215
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 122-215 aa (Q8NEA5) 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 C19orf18 (122-215) is a high-quality protein fragment derived from the uncharacterized protein C19orf18, designed for structural and biochemical studies. This 94-amino acid fragment was computationally selected to ensure stability and solubility, making it an ideal tool for investigating protein function and interactions in research applications. The full-length uncharacterized protein C19orf18 is a single-pass type I membrane protein localized to the membrane in Homo sapiens. While its specific biological function has not been fully characterized, its membrane association suggests potential roles in cellular signaling, transport, or receptor activities. The selected fragment (residues 122-215) represents a stable, soluble region optimized for experimental analysis, aiding in the exploration of this protein's structure and functional properties.