Recombinant CS047 protein (His tag)

Catalog Number	550191
Species	Human
Expression System	E. coli
Accession	Q8N9M1
Molecular Weight	Predictes a molecular mass of 13.48 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	40-148
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 40-148 aa (Q8N9M1) 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 recombinant protein product features a stable and soluble fragment (residues 40-148) of the human uncharacterized protein C19orf47, designed for structural and biochemical studies. The fragment was computationally selected to ensure high quality and reliability in experimental applications. The full-length C19orf47 protein is an uncharacterized protein from Homo sapiens, with limited functional or subcellular localization data currently available. As an uncharacterized protein, it represents a target of interest for exploratory research aimed at elucidating its biological role, potentially contributing to understanding novel cellular mechanisms or pathways.