Recombinant CA021 protein (His tag)

Catalog Number	551881
Synonyms	Cell proliferation-inducing gene 13 protein
Species	Human
Expression System	E. coli
Accession	Q9H246
Molecular Weight	Predictes a molecular mass of 15.52 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	1-121
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 1-121 aa (Q9H246) 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	Introducing our high-purity recombinant human C1orf21 protein fragment (UniProt Q9H246, residues 1-121). This product represents a stable and soluble unit of the uncharacterized Cell proliferation-inducing gene 13 protein, expertly designed for structural biology and functional studies. The full-length protein, encoded by the C1orf21 gene, is annotated as an uncharacterized protein with a suggested role in cell proliferation. Its precise molecular function and subcellular localization remain areas of active investigation. This recombinant fragment, encompassing residues 1-121, was computationally selected to provide a well-behaved protein module, enabling researchers to probe its structure and biochemical properties to advance understanding of its biological significance.