Recombinant CA050 protein (His tag)

Catalog Number	549360
Species	Human
Expression System	E. coli
Accession	Q9BV19
Molecular Weight	Predictes a molecular mass of 23.53 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band.

Product Information

Sequence Region	1-199
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 1-199 aa (Q9BV19) 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 C1orf50 Protein (1-199) is a high-quality, soluble fragment of the uncharacterized protein C1orf50, specifically designed for structural biology and biochemical studies. This 199-amino acid fragment represents a computationally predicted stable domain, offering researchers a reliable tool to investigate the function and properties of this enigmatic human protein. The full-length uncharacterized protein C1orf50 (UniProt ID: Q9BV19) is a human protein whose specific biological function and subcellular localization remain to be fully characterized. As an uncharacterized protein, C1orf50 represents an important target for functional genomics research, with potential implications for understanding novel cellular pathways and mechanisms in human biology. The lack of detailed functional and localization data highlights the research opportunity this protein presents for discovery-based scientific investigations.