Recombinant CH033 protein (His tag)

Catalog Number	543634
Species	Human
Expression System	E. coli
Accession	Q9H7E9
Molecular Weight	Predictes a molecular mass of 16.52 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	102-229
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 102-229 aa (Q9H7E9) 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 UPF0488 protein C8orf33 (102-229) is a high-purity, stable fragment designed for structural and biochemical studies. This 128-amino acid soluble unit, derived from the full-length protein, offers researchers a reliable tool for investigating protein function and interactions in a controlled experimental setting. The full-length UPF0488 protein C8orf33, encoded by the C8orf33 gene in Homo sapiens, is a protein of interest with potential roles in cellular processes, though specific functional and subcellular localization data are currently under investigation. This recombinant fragment (residues 102-229) was computationally selected to ensure stability and solubility, facilitating its use in exploratory research aimed at elucidating the protein's biological significance and mechanisms.