Recombinant CH034 protein (His tag)

Catalog Number	550096
Synonyms	Protein VEST-1
Species	Human
Expression System	E. coli
Accession	Q49A92
Molecular Weight	Predictes a molecular mass of 12.11 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	322-415
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 322-415 aa (Q49A92) 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 C8orf34 (VEST-1) Fragment (322-415) is a 94-amino acid protein fragment designed for structural and biochemical studies. This fragment was computationally selected to ensure high stability and solubility, making it an ideal tool for researchers investigating the properties of this uncharacterized protein. The full-length C8orf34 protein, also known as VEST-1, is an uncharacterized human protein with currently unknown biological function and subcellular localization. As an uncharacterized protein, it represents a potential target for novel discoveries in cellular processes. The absence of known domains in this fragment (322-415) positions it as a valuable reagent for initial characterization studies aimed at elucidating the fundamental properties and potential roles of this protein in human biology.