Recombinant CTGEF protein (His tag)

Catalog Number	550028
Synonyms	Protein cTAGE-15
Species	Human
Expression System	E. coli
Accession	A4D2H0
Molecular Weight	Predictes a molecular mass of 26.48 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band.

Product Information

Sequence Region	60-275
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 60-275 aa (A4D2H0) 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 cTAGE-15 (CTAGE15) Fragment (aa 60-275) is a high-purity, soluble protein fragment designed for structural and biochemical studies. This 216-amino acid fragment was computationally optimized for stability and solubility, providing researchers with a reliable tool to investigate the properties of the cTAGE family member 15 protein. cTAGE family member 15 (Protein cTAGE-15) is a human protein encoded by the CTAGE15 gene. According to UniProt (ID: A4D2H0), this protein is localized to the membrane and is characterized as a single-pass membrane protein. While detailed functional data is not provided in the available summary, membrane-associated proteins like cTAGE-15 typically play roles in cellular signaling, transport, or structural organization. The selected fragment (amino acids 60-275) represents a stable, soluble region ideal for experimental applications where full-length membrane protein expression can be challenging.