Recombinant CTGE3 protein (His tag)

Catalog Number	551731
Synonyms	Protein cTAGE-3
Species	Human
Expression System	E. coli
Accession	Q8IX95
Molecular Weight	Predictes a molecular mass of 19.67 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-158
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 1-158 aa (Q8IX95) 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 Putative cTAGE family member 3 (cTAGE-3) Fragment (aa 1-158). This product is a high-quality, soluble fragment of the tumor-associated antigen cTAGE-3, specifically designed for structural biology and functional studies. The full-length Putative cTAGE family member 3 (cTAGE-3), encoded by the gene CTAGE3P, is a tumor-associated antigen in humans. As indicated by its functional classification, this protein is of significant interest in cancer research due to its association with tumor biology. The provided recombinant fragment (amino acids 1-158) represents a computationally selected, stable, and soluble unit of the protein, making it an ideal tool for investigating its biochemical properties and potential role in oncogenesis.