Recombinant NTM2A protein (His tag)

Catalog Number	551562
Species	Human
Expression System	E. coli
Accession	Q8IVF1
Molecular Weight	Predictes a molecular mass of 13.35 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	328-422
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 328-422 aa (Q8IVF1) 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	This product is a high-purity recombinant protein fragment of Human NUT family member 2A (NUTM2A), encompassing residues 328-422. This 95-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, biochemical assays, and functional characterization. NUT family member 2A (NUTM2A) is a human protein encoded by the NUTM2A gene. While specific functional details and subcellular localization for the full-length protein are not fully characterized in the provided data, proteins within the NUT family are often involved in critical cellular processes and can be associated with developmental regulation and disease contexts, including certain cancers. The study of such proteins and their domains is essential for advancing our understanding of their biological roles and potential therapeutic implications.