Recombinant MET27 protein (His tag)

Catalog Number	547747
Synonyms	Williams-Beuren syndrome chromosomal region 27 protein
Species	Human
Expression System	E. coli
Accession	Q8N6F8
Molecular Weight	Predictes a molecular mass of 23.11 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-201
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 1-201 aa (Q8N6F8) 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 Methyltransferase-like protein 27 (METTL27), also known as Williams-Beuren syndrome chromosomal region 27 protein, is provided as a stable and soluble fragment encompassing residues 1-201. This fragment was computationally designed for optimal performance in structural and biochemical studies, offering researchers a reliable tool to investigate the protein's properties. Methyltransferase-like protein 27 (METTL27) is encoded by the METTL27 gene in Homo sapiens and is associated with the Williams-Beuren syndrome chromosomal region. While specific functional details and subcellular localization are not fully characterized, this protein is of interest due to its potential role in cellular processes linked to this genetic disorder. The provided recombinant fragment (residues 1-201) represents a structurally predicted stable unit, enabling focused research on its biochemical behavior and interactions.