Recombinant TEX30 protein (His tag)

Catalog Number	551967
Species	Human
Expression System	E. coli
Accession	Q5JUR7
Molecular Weight	Predictes a molecular mass of 27.24 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 27 kDa band.

Product Information

Sequence Region	1-227
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 1-227 aa (Q5JUR7) 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-quality recombinant protein fragment of human Testis-expressed protein 30 (TEX30). The fragment, spanning amino acids 1-227, has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural studies, antibody production, and functional characterization. Testis-expressed protein 30 (TEX30) is a human protein encoded by the TEX30 gene. While the specific molecular function and subcellular localization of the full-length protein are areas of active research, proteins in this family are often of interest for their roles in cellular processes and tissue-specific expression. The recombinant fragment provided (1-227) represents a predicted stable and soluble structural unit, enabling researchers to investigate the protein's biochemical properties and architecture in the absence of detailed functional data for the native protein.