Recombinant TEX35 protein (His tag)

Catalog Number	542833
Species	Human
Expression System	E. coli
Accession	Q5T0J7
Molecular Weight	Predictes a molecular mass of 14.91 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	1-111
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 1-111 aa (Q5T0J7) 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 Testis-expressed protein 35 (TEX35) fragment (amino acids 1-111) is a high-quality protein preparation designed for structural biology and biochemical studies. This 111-amino acid fragment was computationally selected to provide optimal stability and solubility, making it an ideal reagent for investigating the properties and function of this human protein. Testis-expressed protein 35 (TEX35) is a human protein encoded by the TEX35 gene. While specific functional details and subcellular localization information for the full-length protein are still being characterized, proteins in the testis-expressed family typically play important roles in reproductive biology and cellular processes. The UniProt accession Q5T0J7 identifies this protein, which represents an area of ongoing research interest in understanding human reproductive biology and cellular function.