Recombinant TSYL6 protein (His tag)

Catalog Number	548780
Synonyms	TSPY-like protein 6
Species	Human
Expression System	E. coli
Accession	Q8N831
Molecular Weight	Predictes a molecular mass of 26.84 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 27 kDa band.

Product Information

Sequence Region	200-410
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 200-410 aa (Q8N831) 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 TSPY-like protein 6 (TSPYL6) fragment (amino acids 200-410) is a high-purity, stable protein designed for structural and biochemical studies. This 211-amino acid fragment was computationally optimized for solubility and stability, making it ideal for researchers investigating protein function and interactions. Testis-specific Y-encoded-like protein 6 (TSPY-like protein 6) is encoded by the TSPYL6 gene in humans. While specific functional details and subcellular localization information for this protein are currently not fully characterized, TSPY family proteins are generally associated with reproductive tissues and may play roles in cellular regulation. The selected fragment (200-410) represents a stable, soluble region suitable for experimental characterization to advance understanding of this protein's biological significance.