Recombinant TSH2 protein (His tag)

Catalog Number	543719
Synonyms	Ovarian cancer-related protein 10-2; OVC10-2; Zinc finger protein 218
Species	Human
Expression System	E. coli
Accession	Q9NRE2
Molecular Weight	Predictes a molecular mass of 14.13 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	850-958
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 850-958 aa (Q9NRE2) 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 Teashirt homolog 2 (TSHZ2) fragment (850-958) is a high-quality, stable protein derived from Homo sapiens, designed for structural and biochemical studies. This 109-amino acid fragment, representing a soluble unit of the ovarian cancer-related protein 10-2, supports research into transcriptional regulation and developmental processes. Teashirt homolog 2 (TSHZ2), also known as ovarian cancer-related protein 10-2 or zinc finger protein 218, is a probable transcriptional regulator implicated in developmental mechanisms. Based on available data, it may function as a transcriptional repressor, playing a role in modulating gene expression. The protein is localized to the nucleus, aligning with its potential involvement in nuclear transcriptional activities. This recombinant fragment offers a focused tool for investigating TSHZ2's functional domains without the complexities of the full-length protein.