Recombinant TEANC protein (His tag)

Catalog Number	545453
Synonyms	TFIIS central domain-containing protein 1
Species	Human
Expression System	E. coli
Accession	Q8N8B7
Molecular Weight	Predictes a molecular mass of 23.00 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	170-351
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 170-351 aa (Q8N8B7) 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 TFIIS Central Domain-Containing Protein 1 (TCEANC) Fragment (aa 170-351) is a high-purity protein fragment designed for targeted research on the TFIIS central domain. This product enables focused investigation into transcription elongation mechanisms and domain-specific functions, providing researchers with a precise tool for structural and functional studies. The full-length Transcription elongation factor A N-terminal and central domain-containing protein (encoded by TCEANC gene) contains a conserved TFIIS central domain (aa 173-289), which is characteristic of proteins involved in transcription elongation regulation. This domain-containing fragment allows researchers to study the isolated functional domain's role in transcription processes without interference from other protein regions, facilitating detailed mechanistic investigations into eukaryotic gene expression control.