Recombinant TADA1 protein (His tag)

Catalog Number	545644
Synonyms	SPT3-associated factor 42; STAF42; Transcriptional adapter 1-like protein
Species	Human
Expression System	E. coli
Accession	Q96BN2
Molecular Weight	Predictes a molecular mass of 26.35 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	114-335
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 114-335 aa (Q96BN2) 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 Transcriptional Adapter 1 (TADA1) Fragment (aa 114-335) is a high-purity protein designed for structural and biochemical studies. This 222-amino acid fragment represents a stable, soluble region of TADA1, optimized for experimental applications in transcriptional regulation research. Transcriptional Adapter 1 (TADA1), also known as SPT3-associated factor 42 (STAF42), is involved in transcriptional regulation processes in human cells. The protein localizes to the nucleus, as supported by experimental evidence, where it likely participates in modulating gene expression through adapter functions in transcriptional complexes. This recombinant fragment provides a defined structural unit for investigating TADA1's molecular mechanisms without interference from less stable regions of the full-length protein.