Recombinant CSRN1 protein (His tag)

Catalog Number	548050
Synonyms	CSRNP-1; Axin-1 up-regulated gene 1 protein; Protein URAX1; TGF-beta-induced apoptosis protein 3; TAIP-3
Species	Human
Expression System	E. coli
Accession	Q96S65
Molecular Weight	Predictes a molecular mass of 27.37 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	81-309
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 81-309 aa (Q96S65) 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 CSRNP-1 Fragment (81-309) is a high-purity, stable protein derived from the human cysteine/serine-rich nuclear protein 1. This fragment is engineered for optimal solubility and functionality, ideal for transcriptional studies, apoptosis research, and tumor-suppressor investigations. CSRNP-1, also known as Axin-1 up-regulated gene 1 protein or TGF-beta-induced apoptosis protein 3, is a nuclear protein that binds to the consensus DNA sequence 5'-AGAGTG-3' and exhibits transcriptional activator activity. It is implicated in tumor-suppression and plays a role in apoptosis, as supported by research findings. The protein's nuclear localization underscores its involvement in gene regulation and cellular processes, making it a critical target for cancer and cell biology studies.