Recombinant CSRN3 protein (His tag)

Catalog Number	549045
Synonyms	CSRNP-3; Protein FAM130A2; TGF-beta-induced apoptosis protein 2; TAIP-2
Species	Human
Expression System	E. coli
Accession	Q8WYN3
Molecular Weight	Predictes a molecular mass of 27.07 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	62-282
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 62-282 aa (Q8WYN3) 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 Cysteine/serine-rich nuclear protein 3 (CSRNP-3) fragment (residues 62-282) from Homo sapiens, designed for structural and biochemical studies. This 221-amino acid fragment retains key functional characteristics, including transcriptional activator activity and apoptosis involvement, offering a stable and soluble unit ideal for research applications. CSRNP-3, also known as FAM130A2 or TAIP-2, is a nuclear protein that binds to the consensus DNA sequence 5'-AGAGTG-3' and exhibits transcriptional activator activity. It plays a critical role in apoptosis, contributing to cellular processes regulated by transcriptional mechanisms. Located exclusively in the nucleus, CSRNP-3 is involved in gene expression modulation and programmed cell death pathways, underscoring its importance in cellular homeostasis and disease research.