Recombinant CNKR2 protein (His tag)

Catalog Number	545572
Synonyms	Connector enhancer of KSR 2; CNK homolog protein 2; CNK2
Species	Human
Expression System	E. coli
Accession	Q8WXI2
Molecular Weight	Predictes a molecular mass of 34.54 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 35 kDa band.

Product Information

Sequence Region	1-295
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 1-295 aa (Q8WXI2) 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	Introducing the Recombinant Human CNKSR2 Fragment (residues 1-295), a high-purity protein designed for studying Ras signaling pathways. This fragment encompasses the full SAM and CRIC domains, making it an ideal tool for investigating domain-specific functions in cellular signaling and regulation. Connector enhancer of kinase suppressor of ras 2 (CNKSR2) functions as an adapter protein or regulator within Ras signaling pathways, playing a critical role in cellular signal transduction. Located in the cytoplasm and as a peripheral membrane protein, CNKSR2 facilitates key interactions that modulate Ras-mediated signaling events. The provided fragment (1-295) retains the essential SAM and CRIC domains, enabling focused research on their structural and functional contributions to CNKSR2's regulatory mechanisms.