Recombinant CNKR1 protein (His tag)

Catalog Number	547896
Synonyms	Connector enhancer of KSR 1; CNK homolog protein 1; CNK1; hCNK1; Connector enhancer of KSR-like
Species	Human
Expression System	E. coli
Accession	Q969H4
Molecular Weight	Predictes a molecular mass of 33.55 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 36 kDa band.

Product Information

Sequence Region	1-286
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 1-286 aa (Q969H4) 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	Discover our high-quality recombinant protein fragment of Connector enhancer of kinase suppressor of ras 1 (CNKSR1), encompassing amino acids 1-286. This fragment includes the key functional domains—SAM, CRIC, and PDZ—making it an ideal tool for researchers studying Ras signaling pathways and domain-specific molecular interactions. Connector enhancer of kinase suppressor of ras 1 (CNKSR1) is an adapter protein that plays a regulatory role in Ras signaling pathways, which are critical for cellular processes such as proliferation, differentiation, and survival. In its full-length form, CNKSR1 is localized in the cytoplasm and associates with the membrane as a peripheral membrane protein, facilitating its function in signal transduction. This protein helps coordinate signaling complexes, making it a significant target for research in cancer biology and cellular signaling mechanisms.