Recombinant CCD89 protein (His tag)

Catalog Number	550190
Synonyms	Bc8 orange-interacting protein
Species	Human
Expression System	E. coli
Accession	Q8N998
Molecular Weight	Predictes a molecular mass of 38.31 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 45 kDa band.

Product Information

Sequence Region	62-374
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 62-374 aa (Q8N998) 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 Coiled-coil domain-containing protein 89 (CCDC89), fragment 62-374, is a high-purity, stable protein designed for structural and biochemical studies. This fragment represents a soluble and well-folded region, ideal for investigating protein interactions and molecular mechanisms. Coiled-coil domain-containing protein 89, also known as Bc8 orange-interacting protein, is encoded by the CCDC89 gene in humans. It localizes to both the cytoplasm and nucleus, with recruitment to the nucleus occurring upon binding to HEY1, suggesting a role in transcriptional regulation or cellular signaling pathways. This recombinant fragment (residues 62-374) was selected computationally to ensure stability and solubility, facilitating research into its structural properties and functional associations.