Recombinant SCND2 protein (His tag)

Catalog Number	550761
Synonyms	SCAN domain-containing protein 2 pseudogene
Species	Human
Expression System	E. coli
Accession	Q9GZW5
Molecular Weight	Predictes a molecular mass of 11.58 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	43-125
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 43-125 aa (Q9GZW5) 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	This recombinant protein product features a stable and soluble 83-amino acid fragment (residues 43-125) of the human Putative SCAN domain-containing protein SCAND2P. It is designed for structural and biochemical studies, offering researchers a reliable tool for investigating protein function and interactions. The full-length Putative SCAN domain-containing protein SCAND2P is encoded by the SCAND2P gene in Homo sapiens and is localized to the nucleus, as indicated by its subcellular location annotation. While a detailed function summary is not provided, its nuclear localization suggests potential roles in gene regulation or transcriptional processes, which are common among SCAN domain-containing proteins. This fragment was computationally selected to represent a stable and soluble unit, facilitating experimental analysis of its properties.