Recombinant SC2B2 protein (His tag)

Catalog Number	551689
Synonyms	Secretoglobin-like protein
Species	Human
Expression System	E. coli
Accession	Q4G0G5
Molecular Weight	Predictes a molecular mass of 9.88 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 10 kDa band.

Product Information

Sequence Region	24-96
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 24-96 aa (Q4G0G5) 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 product is a high-purity recombinant protein fragment of human Secretoglobin family 2B member 2 (SCGB2B2), corresponding to amino acids 24-96. This 73-amino acid fragment has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization. Secretoglobin family 2B member 2 (SCGB2B2), also known as Secretoglobin-like protein, is a human protein that is secreted into the extracellular space, as indicated by its subcellular localization. Secretoglobins are a family of small, secreted proteins often involved in immune modulation, inflammation, and other regulatory processes in mucosal surfaces. While a specific molecular function summary is not provided for this particular member, proteins in this family are typically studied for their roles in host defense and cellular signaling pathways in various tissues. The recombinant fragment offered here provides a defined, soluble unit of this secreted protein for focused investigation.