Recombinant IGLL5 protein (His tag)

Catalog Number	550320
Synonyms	G lambda-1; Germline immunoglobulin lambda 1
Species	Human
Expression System	E. coli
Accession	B9A064
Molecular Weight	Predictes a molecular mass of 14.48 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	95-214
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 95-214 aa (B9A064) 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 Immunoglobulin lambda-like polypeptide 5 (IGLL5) Fragment (aa 95-214) - A high-purity protein fragment specifically designed to encompass the complete Ig-like C1-type domain, providing researchers with an ideal tool for studying domain-specific functions in immune system processes. Immunoglobulin lambda-like polypeptide 5 (IGLL5) is a secreted protein in humans that plays a role in the immune system. As a germline immunoglobulin lambda 1 protein, it contributes to immunoglobulin structure and function. The secreted nature of this protein, as indicated by its subcellular location, suggests it functions in extracellular environments, potentially in immune signaling or antibody-related processes. The specific fragment (amino acids 95-214) contains the complete Ig-like C1-type domain (aa 115-209), which is characteristic of immunoglobulin superfamily members and involved in protein-protein interactions within immune recognition pathways.