Recombinant IGFL3 protein (His tag)

Catalog Number	550145
Species	Human
Expression System	E. coli
Accession	Q6UXB1
Molecular Weight	Predictes a molecular mass of 13.11 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	25-125
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 25-125 aa (Q6UXB1) 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 Insulin Growth Factor-like Family Member 3 (IGFL3) Fragment (aa 25-125) is a high-quality protein product designed for structural and biochemical studies. This 101-amino acid fragment represents a stable and soluble unit of IGFL3, optimized for research applications investigating its role as a potential ligand for the IGFLR1 receptor. Insulin Growth Factor-like Family Member 3 (IGFL3) is a human protein that functions as a potential ligand for the IGFLR1 cell membrane receptor, as supported by experimental evidence (PubMed:21454693). The protein is naturally secreted into the extracellular space, indicating its role in intercellular signaling pathways. This recombinant fragment (amino acids 25-125) encompasses the key functional region of IGFL3, providing researchers with a reliable tool for exploring its biological significance and receptor interactions.