Recombinant COLL2 protein (His tag)

Catalog Number	550142
Species	Human
Expression System	E. coli
Accession	Q6UWE3
Molecular Weight	Predictes a molecular mass of 10.47 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 10 kDa band.

Product Information

Sequence Region	22-100
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 22-100 aa (Q6UWE3) 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 Colipase-like protein 2 (CLPSL2) fragment (aa 22-100) from Homo sapiens, representing a stable and soluble structural unit ideal for structural biology and biochemical studies. Colipase-like protein 2 (CLPSL2) is a human protein that is secreted, as indicated by its subcellular localization. While specific functional details are not fully characterized, its secretion suggests potential roles in extracellular processes. The recombinant fragment (amino acids 22-100) was computationally selected to provide a stable, soluble protein domain suitable for experimental applications including structural determination and functional analysis.