Recombinant KHDCL protein (His tag)

Catalog Number	551963
Species	Human
Expression System	E. coli
Accession	Q5JSQ8
Molecular Weight	Predictes a molecular mass of 16.20 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	1-128
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 1-128 aa (Q5JSQ8) 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	Introducing our high-purity recombinant human KHDC1-like protein fragment (KHDC1L, residues 1-128). This 128-amino acid fragment has been expertly selected for its predicted stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization in your research. KHDC1L (KHDC1-like protein) is a human protein encoded by the KHDC1L gene (UniProt ID: Q5JSQ8). While detailed functional and subcellular localization data for the full-length protein are still under investigation, this recombinant fragment provides a valuable tool for researchers aiming to elucidate the protein's structure, interactions, and biological role. The provided fragment represents a computationally predicted stable domain, offering a practical starting point for experimental analysis.