Recombinant CD036 protein (His tag)

Catalog Number	552101
Species	Human
Expression System	E. coli
Accession	Q96KX1
Molecular Weight	Predictes a molecular mass of 14.93 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	1-117
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 1-117 aa (Q96KX1) 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-quality recombinant protein fragment of the human Uncharacterized Protein C4orf36 (residues 1-117). It has been specifically designed and expressed to provide a stable and soluble unit, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assays aimed at elucidating the properties of this novel protein. The full-length Uncharacterized Protein C4orf36, encoded by the C4orf36 gene, is a protein of unknown function in humans. As an uncharacterized protein, it represents a potential target for novel biological discovery. The specific biological role, molecular function, and subcellular localization of the native protein are not yet defined, highlighting the need for high-quality research tools to facilitate its study. This recombinant fragment provides a critical starting point for such investigations.