Recombinant IGB1C protein (His tag)

Catalog Number	551901
Species	Human
Expression System	E. coli
Accession	A0A1W2PR95
Molecular Weight	Predictes a molecular mass of 33.82 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 36 kDa band.

Product Information

Sequence Region	1-281
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 1-281 aa (A0A1W2PR95) 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 human Immunoglobulin-binding protein 1 family member C (IGBP1C). The fragment corresponds to amino acids 1-281, representing a stable and soluble unit computationally selected for optimal performance in structural and biochemical studies. Immunoglobulin-binding protein 1 family member C (IGBP1C) is a human protein encoded by the IGBP1C gene. As a member of the Immunoglobulin-binding protein 1 family, it is implicated in processes related to immunoglobulin binding and associated cellular functions. The specific biological role and subcellular localization of the full-length protein are areas of active research. This recombinant fragment provides a valuable tool for researchers to investigate the protein's structure, interactions, and biochemical properties to further elucidate its function and significance in human biology.