Recombinant KLD8A protein (His tag)

Catalog Number	551733
Synonyms	Substitute for delta-EGFR expression 1; S-delta-E1
Species	Human
Expression System	E. coli
Accession	Q8IYD2
Molecular Weight	Predictes a molecular mass of 40.52 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 41 kDa band.

Product Information

Sequence Region	1-350
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 1-350 aa (Q8IYD2) 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 Kelch domain-containing protein 8A (KLHDC8A), also known as Substitute for delta-EGFR expression 1 (S-delta-E1). The fragment comprises amino acids 1-350, representing a stable and soluble unit computationally selected for optimal performance in structural and biochemical studies. The full-length Kelch domain-containing protein 8A (KLHDC8A) is encoded by the gene KLHDC8A in Homo sapiens. While specific functional details and subcellular localization for this protein are not fully characterized in the provided data, proteins containing Kelch domains are typically involved in protein-protein interactions and may play roles in cellular processes such as ubiquitination pathways, cytoskeletal organization, or transcriptional regulation. The provided UniProt ID (Q8IYD2) serves as a reference for researchers investigating this protein's biological significance. The selected 1-350 amino acid fragment is designed to facilitate experimental exploration of this protein's structure and function.