Recombinant FGOP2 protein (His tag)

Catalog Number	541369
Species	Human
Expression System	E. coli
Accession	Q9NVK5
Molecular Weight	Predictes a molecular mass of 15.17 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	1-115
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 1-115 aa (Q9NVK5) 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 FGFR1 oncogene partner 2 (FGFR1OP2) fragment (residues 1-115), derived from Homo sapiens, is a stable and soluble protein unit designed for structural and biochemical studies. This fragment supports research into its potential role in wound healing pathways. The full-length FGFR1 oncogene partner 2 protein may be involved in the wound healing pathway, as indicated by functional annotations. It is localized in the cytoplasm, suggesting interactions with cytoplasmic components relevant to cellular repair and signaling processes. This recombinant fragment provides a focused tool for investigating these mechanisms.