Recombinant FGF11 protein (His tag)

Catalog Number	549048
Synonyms	FGF-11; Fibroblast growth factor homologous factor 3; FHF-3
Species	Human
Expression System	E. coli
Accession	Q92914
Molecular Weight	Predictes a molecular mass of 19.67 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	65-225
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 65-225 aa (Q92914) 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 Human Fibroblast Growth Factor 11 (FGF-11) Fragment (65-225) is a high-purity, stable protein fragment designed for structural and biochemical studies. This 161-amino acid fragment represents a soluble and functionally relevant region of FGF-11, ideal for investigating its role in nervous system development and function. Fibroblast Growth Factor 11 (FGF-11), also known as Fibroblast Growth Factor Homologous Factor 3 (FHF-3), is encoded by the FGF11 gene in humans. Based on available functional data, FGF-11 is implicated in nervous system development and function. The provided recombinant fragment (amino acids 65-225) was computationally selected to ensure stability and solubility, facilitating experimental applications without the challenges associated with the full-length protein.