Recombinant FGRL1 protein (His tag)

Catalog Number	547737
Synonyms	FGF receptor-like protein 1; FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5; FGFR-5
Species	Human
Expression System	E. coli
Accession	Q8N441
Molecular Weight	Predictes a molecular mass of 39.04 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 39 kDa band.

Product Information

Sequence Region	25-362
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 25-362 aa (Q8N441) 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 Receptor-like 1 (FGFRL1) Fragment (aa 25-362) is a high-purity protein designed to encompass the three Ig-like C2-type domains, making it an ideal tool for investigating the receptor's specific domain functions and its role in modulating cell proliferation. Fibroblast Growth Factor Receptor-like 1 (FGFRL1) is a single-pass type I membrane protein predominantly localized in the plasma membrane, with additional presence in the Golgi apparatus and secretory vesicles. It functions as a negative regulator of cell proliferation, playing a critical role in cellular growth control mechanisms. This recombinant fragment provides researchers with a targeted reagent to study the structural and functional properties of its key Ig-like domains without interference from other regions of the full-length protein.