Recombinant FGFP2 protein (His tag)

Catalog Number	551004
Synonyms	FGF-BP2; FGF-binding protein 2; FGFBP-2; 37 kDa killer-specific secretory protein; Ksp37; HBp17-related protein; HBp17-RP
Species	Human
Expression System	E. coli
Accession	Q9BYJ0
Molecular Weight	Predictes a molecular mass of 13.31 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	32-134
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 32-134 aa (Q9BYJ0) 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-Binding Protein 2 (FGF-BP2) Fragment (32-134) is a high-purity, stable protein designed for structural and biochemical studies. This 103-amino acid fragment was computationally optimized for solubility and stability, enabling reliable investigation of FGF-BP2's extracellular interactions. Fibroblast Growth Factor-Binding Protein 2 (FGF-BP2) is a secreted human protein localized to the extracellular space, as supported by experimental evidence (ECO:0000269|PubMed:11342666). While a detailed functional summary is not provided, its secretion and extracellular localization suggest a role in modulating fibroblast growth factor activity in the extracellular environment, potentially influencing cell signaling, proliferation, or tissue repair processes.