Human FGF4 Protein

Catalog # FGF4-HF001 Form: Lyophilized

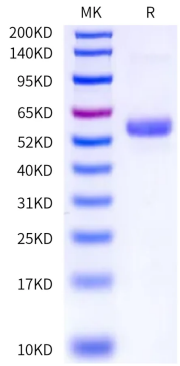
Product Details

Product description	Recombinant Human FGF4 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Ala31-Leu206 (UniProt accession: P08620-1).
Molecular aliases	FGF-4; FGF 4; HST; HST-1; HSTF-1; HBGF-4; KS3; FGF4; HST1; HSTF1; HBGF4; Fibroblast growth factor-4; Fibroblast growth factor 4
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 45.23 kDa. Due to glycosylation, the protein migrates to 52-62 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human FGF4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.