Product Datasheet

Human FGF-5 Protein, His Tag (orb1818948)

Catalog Number	orb1818948
Description	Fibroblast growth factor-5 (FGF5) is a member of the fibroblast growth factor (FGF) family and acts as a crucial regulator of hair growth and an oncogenic factor in several human cancers. Generally, Fibroblast growth factor 5 (FGF5) is widely expressed in embryonic but scarcely in adult tissues. Overexpression of FGF5 has been associated with prostate cancer, pancreatic cancer, breast cancer, renal cell carcinoma, etc
Reactivity	Human
Endotoxins	1.0 EU per μg
Conjugation	Unconjugated
Target	FGF-5
Preservatives	PBS, pH 7.4
Form/Appearance	Powder
Storage	-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower
Tag	C-10×His
Note	For research use only
Application notes	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 29.4 kDa. The protein migrates as 35-38 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE).
Biologically Active?	Yes
Purity	90%

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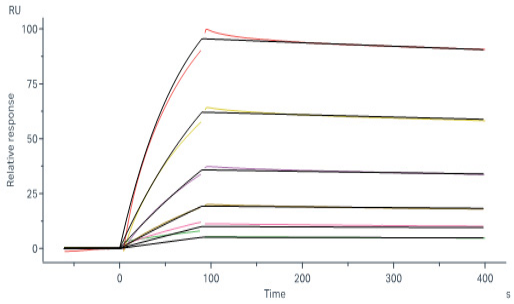
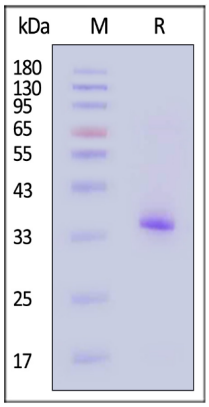
MW	29.4 kDa
Uniprot ID	**P12034**
Expiration Date	6 months from date of receipt.



Human FGF-5 Protein, His Tag captured on CM5 chip via anti-His antibody can bind Human FGF R2, Fc Tag with an affinity constant of 63.3 nM as determined in a SPR assay.



Human FGF-5 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

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