

Human FGF basic Protein

HA210238



Product name:	Human FGF basic Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human FGF basic Protein is expressed from E.coli without tag.; It contains Pro143-Ser288.
Background:	FGF basic is a member of the FGF family of at least 23 related mitogenic proteins which show 35-60% amino acid conservation. FGF acidic and basic, unlike the other members of the family, lack signal peptides and are apparently secreted by mechanisms other than the classical protein secretion pathway.
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	Less than 1 EU per µg by the LAL method.
Source:	E.coli
Accession:	P09038-4
Predicted molecular mass:	The protein has a predicted MW of 16.5 kDa same as Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt; -80°C for 3-6 months after reconstitution.; 2-8°C for 2-7 days after reconstitution.; Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

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Applications: WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

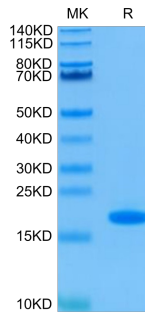


Fig1: Human FGF basic on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

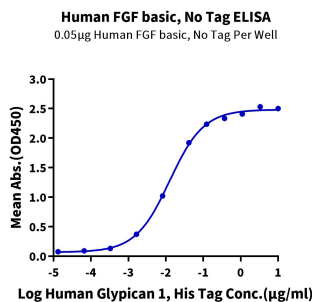


Fig2: Immobilized Human FGF basic at 0.5 µg/ml (100 µl/Well) on the plate. Dose response curve for Human Glypican 1, His Tag with the EC50 of 12.6 ng/ml determined by ELISA (QC Test).

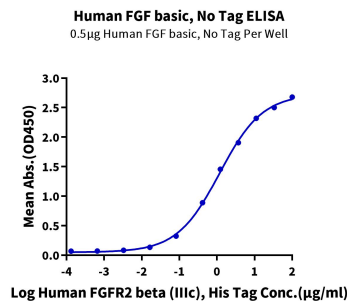


Fig3: Immobilized Human FGF basic, No Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Human FGFR2 beta (IIIC), His Tag with the EC50 of 1.18 µg/ml determined by ELISA.

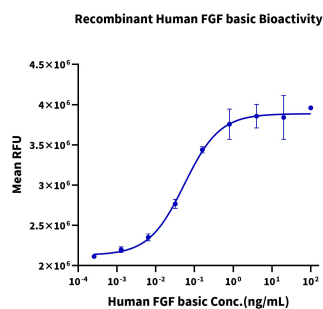


Fig4: Measured in a cell proliferation assay using BALB/c 3T3 mouse embryonic fibroblasts. The ED₅₀ for this effect is 0.02 - 0.1 ng/ml (QC Test).

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Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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