

Human FGF-8b, Tag Free Protein

HA211414



Product name:	Human FGF-8b, Tag Free
Species reactivity:	Human
Bio-Activity:	Measured in a cell proliferation assay using NIH/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 10-60 ng/mL.
Protein construction description:	A DNA sequence encoding the human FGF-8b protein (P55075-3) (Gln 23-Arg 215) was expressed with tag Free.

Background: Fibroblast growth factor 8 (FGF-8) is a protein that in humans is encoded by the FGF8 gene. The protein encoded by this gene belongs to the fibroblast growth factor (FGF) family. FGF proteins are multifunctional signaling molecules with broad mitogenic and cell survival activity, playing critical roles in embryonic development, cell proliferation, morphogenesis, tissue repair, and tumor progression. FGF8 signals primarily through fibroblast growth factor receptor 1 (FGFR1) to trigger downstream pathways involved in neural and limb development.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: FGF-8b (23-215)

Source: HEK293

Accession: P55075-3

Predicted molecular mass: 24.4 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to 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

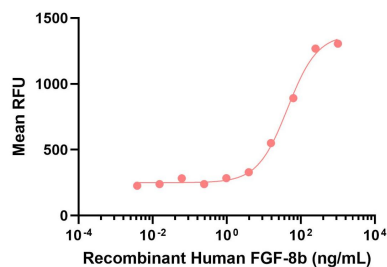


Fig1: Measured in a cell proliferation assay using NIH/3T3 mouse embryonic fibroblast cells. The ED₅₀ for this effect is 10-60 ng/mL.

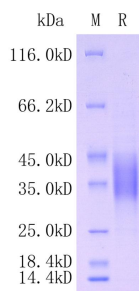


Fig2: Protein on SDS-PAGE under reducing (R) condition.

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

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