

Active Recombinant Human FGF12 protein, His-tagged

Cat. No. FGF12-2020H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF12 protein(Met1-Thr181), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-181 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, 1mM DTT, 300mM NaCl, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human FGFR4 at 5 µg/mL (100 µL/well) can bind recombinant human FGF12 with a linear range of 35-100 ng/mL.
Molecular Mass	21.26 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name FGF12 fibroblast growth factor 12 [Homo sapiens]

Official Symbol FGF12

Synonyms

FGF12; fibroblast growth factor 12; FGF12B; FHF1; fibroblast growth factor 12B; fibroblast growth factor FGF 12b; fibroblast growth factor homologous factor 1; myocyte activating factor; FHF-1; FGF-12; myocyte-activating factor; fibroblast growth factor FGF-12b;

Gene ID 2257

mRNA Refseq NM_004113

Protein Refseq NP_004104

MIM 601513

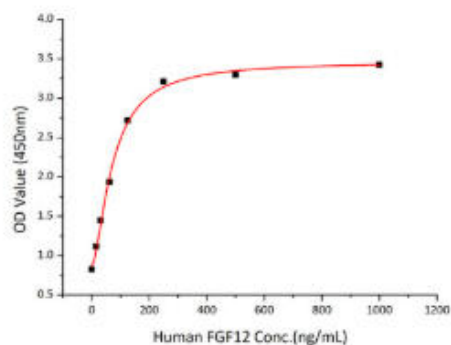
UniProt ID P61328

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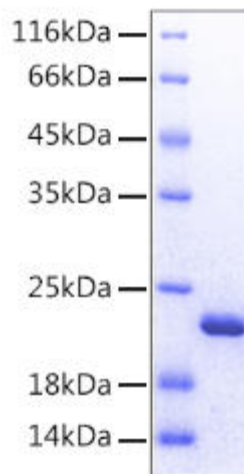
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Activity



SDS-PAGE



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