

Active Recombinant Human FGF12 protein, His-tagged

Cat. No. FGF12-2609H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF-12 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Thr181) of human FGF-12 (Accession #NP_004104.3) fused with a 6×His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	Met1-Thr181
Form	Lyophilized from a 0.22 µm filtered solution of PBS, 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	20 kDa
Endotoxin	< 1.0 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

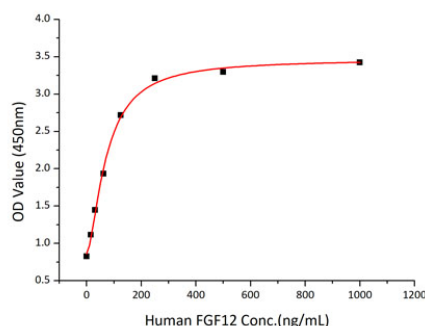
mRNA Refseq NM_004113

Protein Refseq NP_004104

MIM 601513

UniProt ID P61328

Bio-activity

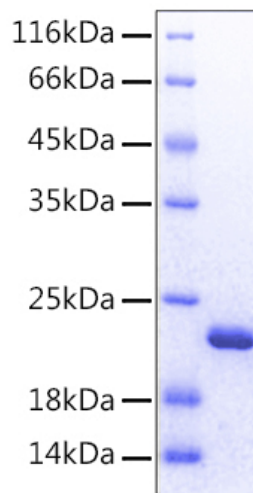


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SDS-PAGE



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