

Active Recombinant Human FGF12 Protein

Cat. No. FGF12-026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human FGF-12 protein consists of 181 amino acids (1-181) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-181 a.a.
Description	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. This growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhFGF R4/Fc Chimera at 5 µg/mL (100 µL/well) can bind rhFGF-12 with a linear range of 1.6-100 ng/mL.
Molecular Mass	22.4 kDa

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Product-Related Proteins	1-181
Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

Gene Name	FGF12 fibroblast growth factor 12 [Homo sapiens (human)]
Official Symbol	FGF12
Synonyms	FGF12; fibroblast growth factor 12; FHF1; DEE47; EIEE47; FGF12B; fibroblast growth factor 12; Names; fibroblast growth factor 12B; fibroblast growth factor FGF-12b; fibroblast growth factor homologous factor 1; myocyte-activating factor
Gene ID	2257
mRNA Refseq	NM_021032
Protein Refseq	NP_066360
MIM	601513
UniProt ID	P61328

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA