

Recombinant Human FGF2 protein, For Organoid Culture

Cat. No. FGF2-4766H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF2 protein(P09038-4)(Gly132-Ser288) is expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly132-Ser288
Tag	Non
Form	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, 3% Trehalose, 4% Mannitol, pH 7.5
Bio-activity	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 1.11 ng/ml.
Molecular Mass	17.4 KDa
Endotoxin	< 0.01 EU/µg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of

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

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

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reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name DDB1 damage-specific DNA binding protein 1, 127kDa [Homo sapiens]

Official Symbol DDB1

Synonyms DDB1; damage-specific DNA binding protein 1, 127kDa; damage specific DNA binding protein 1 (127kD); DNA damage-binding protein 1; XPE; XAP-1; UV-DDB 1; DDB p127 subunit; XPE-binding factor; HBV X-associated protein 1; DNA damage-binding protein a; UV-damaged DNA-binding factor; UV-damaged DNA-binding protein 1; damage-specific DNA-binding protein 1; xeroderma pigmentosum group E-complementing protein; DDBA; XAP1; XPCE; XPE-BF; UV-DDB1;

Gene ID 1642

mRNA Refseq NM_001923

Protein Refseq NP_001914

MIM 600045

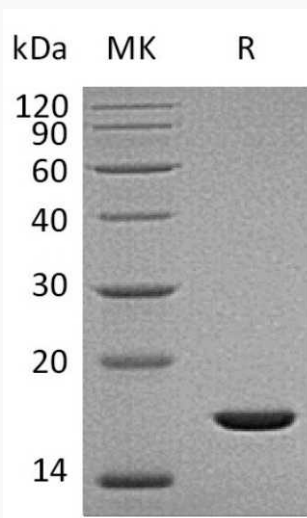
UniProt ID Q16531

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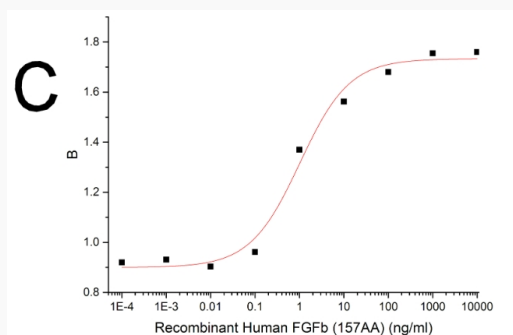
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SDS-PAGE



Cell Based Assay



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