

PRODUCT INFORMATION

Target FGF2

BFGF; FGFB; FGF-2; HBGF-2 **Synonyms**

Recombinant human FGF2 Protein with C-terminal **Description**

3×Flag tag

Delivery In Stock **Uniprot ID** P09038 **Expression Host HEK293**

Tag C-3×Flag Tag

Molecular

Purity

FGF2(Met1-Ser288) 3×Flag tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 33.7 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system

development, wound healing, and tumor growth.
The mRNA for this gene contains multiple
polyadenylation sites, and is alternatively
translated from non-AUG (CUG) and AUG initiation **Background**

codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq, Jul 2008]

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only

Conjugate Unconjugated





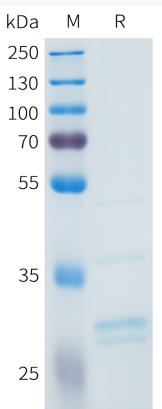


Figure 1. Human FGF2 Protein, Flag Tag on SDS-PAGE under reducing condition.

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