

# Recombinant Full Length Human FGF10 Protein, GST-tagged

**Cat. No.** FGF10-4808HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FGF10 full-length ORF ( NP_004456.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	208 amino acids
<b>Description</b>	<p>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 protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq]</p>
<b>Molecular Mass</b>	49.8 kDa
<b>AA Sequence</b>	<p>MWKWILTHCASAFPHLPGCCCCCFLLLFLVSSVPVTCQALGQDMVSPEATNSSSSS  FSSPSSAGRHVRSYNHLQGDVRWRKLFSTKYFLKIEKNGKVSGTKKENCPYSILEI  TSVEIGVVAVKAINSNYLLAMNKKGKLYGSKEFNNDCKLKERIEENGYNTYASFNWQ</p>

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HNGRQMYVALNGKGAPRRGQKTRRKNTSAHFLPMVVHS

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

FGF10 fibroblast growth factor 10 [ Homo sapiens ]

**Official Symbol**

FGF10

**Synonyms**

FGF10; fibroblast growth factor 10; FGF-10; keratinocyte growth factor 2; produced by fibroblasts of urinary bladder lamina propria;

**Gene ID**

2255

**mRNA Refseq**

NM\_004465

**Protein Refseq**

NP\_004456

**MIM**

602115

**UniProt ID**

O15520

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