

FGF10 (Human) Recombinant protein

Catalog # P8864

Size 2 x 10 ug

Specification

Product Description	Human FGF10 (O15520, 38 a.a. - 208 a.a) partial recombinant protein with His tag at N-terminal expressed in <i>Escherichia Coli</i> .
Sequence	MGSSHHHHHH SSGLVPRGSH MGSQMQLGQ DMVSPEATNS SSSSFSSPSS AGRHVRSYNH LQGDVRWRKL FSFTKYFLKI EKNGKVS GTK KENCPSILE ITSVEIGVVA VKAINSYYL AMNKK GKLYG SKEFNNDCKL KERIEENGYN TYASFNWQHN GRQMYVALNG KGAPRRGQKT RRKNTS AHFL PMVVHS
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE.
Storage Buffer	In 20mM Tris-HCl buffer, pH 8.0, 200mM NaCl, 2mM DTT, 2mM EDTA and 50% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — FGF10

Entrez GeneID	2255
Protein Accession#	O15520

Gene Name	FGF10
Gene Alias	-
Gene Description	fibroblast growth factor 10
Omim ID	149730 180920 602115
Gene Ontology	Hyperlink
Gene Summary	<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>
Other Designations	keratinocyte growth factor 2 produced by fibroblasts of urinary bladder lamina propria

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Abnormalities](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypospadias](#)

- [Tourette Syndrome](#)