

Recombinant Chicken FGF10 Protein, His tagged

Cat. No. FGF10-6262C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken FGF10 Protein with His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
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 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.
Molecular Mass	The protein has a calculated MW of 22 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMHDLGQDMLSPEATNSSSSSSSSFPSSFSSPSSAG RHVRSYNHLQGDVRKRKLYSYNKYFLKIEKNGKVS GTKKENC PFSILEITSVEIGVVA VKSISNYYLAMNKKGKVYGSKEFNSDCKLKERIEENG YNTYASLNWKHNGRQMFV ALNGRGATKRGQKTRRKNTSAHFLPMVMS
Endotoxin	< 1

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	EU/μg by LAL
Purity	> 95% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.85 mg/mL by BCA
Storage Buffer	Sterile 50 mM Tris, 500 mM NaCl, pH 8.0

GENE INFORMATION

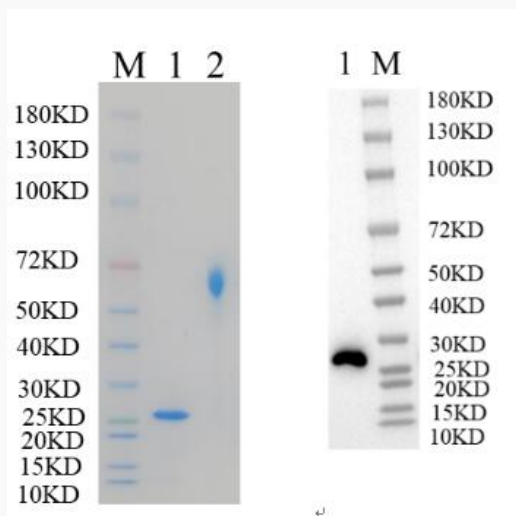
Gene Name	FGF10 fibroblast growth factor 10 [Gallus gallus (chicken)]
Official Symbol	FGF10
Synonyms	FGF10; fibroblast growth factor 10
Gene ID	395432
mRNA Refseq	NM_204696
Protein Refseq	NP_990027
UniProt ID	O42407

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Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified FGF10.



1. FGF10-6262C
2. BSA

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