Recombinant Chicken FGF2 protein, His-tagged

Cat. No. FGF2-6739C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken FGF2 protein(NP_990764.1)(Phe29~Gly143), fused to His-tag, was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Phe29~Gly143
Form	100mMNaHCO3, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	17/20kDa(Analysis of differences refer to the manual)
AA Sequence	FKDPKRLYCKNGGFFLRINPDGRVDGVREKSDPHIKLQLQAEERGVVSIKGVSANRF LAMKEDGRLLALKCATEECFFFERLESNNYNTYRSRKYSDWYVALKRTGQYKPGPK TG
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

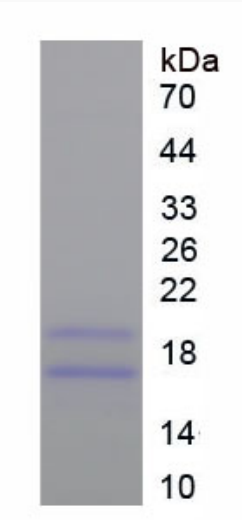
Notes	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FGF2 fibroblast growth factor 2 [Gallus gallus (chicken)]
Official Symbol	FGF2
Synonyms	B-FGF; BFGF; FGFB; HBGH-2; Basic Fibroblast Growth Factor; Heparin-binding growth factor 2
Gene ID	396413
mRNA Refseq	NM_205433.1
Protein Refseq	NP_990764.1
UniProt ID	P48800

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SDS-PAGE of FGF2-6739C



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