

Recombinant Human FGF14 293 Cell Lysate

Cat. No. FGF14-6246HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for fibroblast growth factor 14 (FGF14), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 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

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

FGF14 fibroblast growth factor 14 [Homo sapiens]

Official Symbol

FGF14

Synonyms

FGF14; fibroblast growth factor 14; FHF4; SCA27; bA397O8.2; fibroblast growth factor homologous factor 4; FHF-4; FGF-14; MGC119129;

Gene ID

2259

mRNA Refseq

NM_004115

Protein Refseq

NP_004106

MIM

601515

UniProt ID

Q92915

**Chromosome
Location**

13q34

Pathway

MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Melanoma, organism-specific biosystem; Melanoma, conserved biosystem; Pathways in cancer, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem;

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Function

NOT fibroblast growth factor receptor binding; growth factor activity; heparin binding;

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