Fibroblast Growth Factor 7 (FGF7) Recombinant Protein | FGF7 recombinant protein

Recombinant Fibroblast Growth Factor 7 (FGF7)

CATALOG #	HOST	APPLICATIONS
AAA134458	**E Coli**	**Western Blot, SDS-Page**

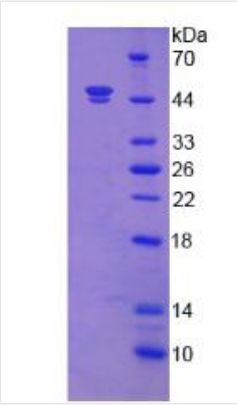
PRODUCT SYNONYMS

Fibroblast Growth Factor 7 (FGF7); Recombinant Fibroblast Growth Factor 7 (FGF7); FGF7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for FGF7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Cys32~Thr194
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,0.01% SKL, 5% Trehalose and Proclin300.
Predicted isoelectric point	8.5
Predicted Molecular Mass	47.8kDa
Accurate Molecular Mass	44/47kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC for 12 months. Stability Test: 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.

IMAGES



SDS-PAGE

Sequence

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                                CNDMSPEQT ATSVNCSSPE
RHTRSYDYME GGDIRVRRLF CRTQWYLRID KRGKVKGTQE MKNSYNIMEI
RTVAVGIVAI KGVESEYYLA MNKEGKLYAK KECNEDCNFK ELILENHYNT
YASAKWTHSG GEMFVALNQK GIPVKGKKTK KEQKTAHFLP MAIT
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679785
NCBI GeneID	14178
NCBI Accession #	NP_032034.1
NCBI GenBank Nucleotide #	NM_008008.4
UniProt Accession #	P36363
NCBI Official Full Name	fibroblast growth factor 7
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	Fgf7
NCBI Official Synonym Symbols	Kgf
NCBI Protein Information	fibroblast growth factor 7; FGF-7; HBGF-7; Keratinocyte growth factor; heparin-binding growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	**Fgf7**
UniProt Synonym Gene Names	Fgf-7; Kgf; FGF-7; HBGF-7; KGF
UniProt Entry Name	FGF7_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/fgf7-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134458