

Fibroblast Growth Factor 21 Recombinant Protein | FGF21 recombinant protein

Recombinant Fibroblast Growth Factor 21 (FGF21)

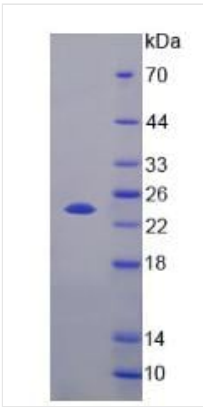
CATALOG # AAA144032	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Fibroblast Growth Factor 21; Recombinant Fibroblast Growth Factor 21 (FGF21); FGF21 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. AYPIPDSS PLLQFGGQVR QRYLYTDDQ DTEAHLEIRE DGTVVGAHR SPESLLELKA LKPGVIQILG VKASRFLCQQ PDGALYGSPH FDPEACSFRE LLEDGYNVY QSEAHGLPLR LPQKDSPNQD ATSWGPVRF L PMPGLLHEPQ DQAGFLPPEP PDVGSSDPLS MVEPLQGRSP SYA
Sequence Length	209
Applicable Applications for FGF21 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	23.6kDa
Accurate Molecular Mass (KD)	24kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Mus musculus (Mouse)
Fragment	Ala29~Ala209
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

AY PIPDSSPLLQ FGGQVRQRYL
YTDDDDQDTEA HLEIREDGTV VAAHRSPES LLELKALKPG VIQILGVKAS
RFLCQQPDGA LYGSPHFDP E ACSFRELLE DGYNVYQSEA HGLPLRLPK
DSPNQDATSW GPVRFLLPMPG LLHEPQQQAG FLPPEPPDVG SSDPLSMVEP
LQGRSPSYA

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506597
NCBI GeneID	26291
NCBI Accession #	NP_061986.1
NCBI GenBank Nucleotide #	NM_019113.2
Molecular Weight	22,300 Da
NCBI Official Full Name	fibroblast growth factor 21
NCBI Official Synonym Full Names	fibroblast growth factor 21
NCBI Official Symbol	FGF21
NCBI Protein Information	fibroblast growth factor 21
UniProt Protein Name	Fibroblast growth factor 21
UniProt Gene Name	FGF21
UniProt Synonym Gene Names	FGF-21
UniProt Entry Name	FGF21_HUMAN

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.