

Product datasheet for **TP762368**

FGF21 (NM_019113) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibroblast growth factor 21 (FGF21), His29-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(His29-End) of FGF21
Tag:	N-His
Predicted MW:	19.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_061986
Locus ID:	26291
UniProt ID:	Q9NSA1
RefSeq Size:	940
Cytogenetics:	19q13.33
RefSeq ORF:	627



[View online »](#)

Summary:

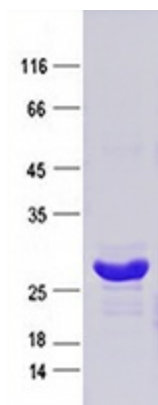
This gene encodes a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The encoded protein stimulates the uptake of glucose in adipose tissue. [provided by RefSeq, Mar 2016]

Protein Families:

Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein

Protein Pathways:

MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:

Purified recombinant protein FGF21 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.