

OriGene Technologies, Inc.

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Product datasheet for TP720198

FGF21 (NM_019113) Human Recombinant Protein

Product data:

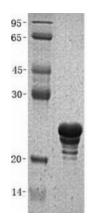
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibroblast growth factor 21 (FGF21)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	His29-Ser209
Tag:	N-His
Predicted MW:	21.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 100mM NaCl, 2mM EDTA, pH 9.0.
Endotoxin:	< 0.1 EU per μ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 061986</u>
Locus ID:	26291
UniProt ID:	<u>Q9NSA1</u>
Cytogenetics:	19q13.33



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Summary:	Theis 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:



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