

## Product Datasheet

### Recombinant FGF-21, His, Human (orb1494748)

<b>Description</b>	FGF-21, also known as fibroblast growth factor-21 and FGFL, is a secreted growth factor belonging to the heparin-binding growth factor family. It is produced by hepatocytes in response to fatty acid stimulation. FGF-21 couples with its co-factor beta-Klotho to signal through FGFR1c and FGFR4. Signal transduction results in insulin-independent uptake of glucose by adipocytes. Clinical administration of FGF-21 induces energy expenditure, fat utilization and lipid excretion.
<b>Endotoxins</b>	< 0.2 EU/μg, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Lyophilized after extensive dialysis against PBS.
<b>Storage</b>	Lyophilized recombinant human FGF-21 remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, human FGF-21, His should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH <sub>2</sub> O or PBS at 100 μg/ml.
<b>Protein Sequence</b>	HPDPSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDTGVGGAADQSPESLLQLKALKPG VIQILGVKTSRFLCQRPDG ALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPAPRGPAPFLPLPGL PPALPEPPGILAPQPPDV GSSDPLSMVGPSQGRSPSYASHHHHHH
<b>Purity</b>	> 95% as analyzed by SDS-PAGE.
<b>Source</b>	CHO
<b>MW</b>	23-25kDa, observed by reducing SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.

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