

Recombinant Human FGF-21 protein(His Tag)



产品详情

产品货号	产品名称	储存条件	保质期
IM71931	Recombinant Human FGF-21 protein(His Tag)	-20℃to-80℃	3 个月

Basic Information:

Species	Human
Purity	>90%, SDS-PAGE
Tag	His Tag

Technical Specifications:

Purity	>90%, SDS-PAGE
Endotoxin Level	<0.1 EU/ μ g protein, LAL method
Source	HEK293-derived Human FGF-21 protein His29-Ser209 (Accession# Q9NSA1 (L174P)) with a His tag at the N-terminus.
Gene ID	26291
Accession	Q9NSA1
Predicted Molecular Mass	20.2 kDa
SDS-PAGE	22-25kDa, reducing (R) conditions
Formulation	Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity:

Not tested

Storage and Shipping:

1. **Storage:** It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Until expiry date, -20°C to -80°C as lyophilized proteins.

3 months, -20°C to -80°C under sterile conditions after reconstitution.

2. **Shipping:** The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution:

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background:

Fibroblast growth factor 21 (FGF21) is a peptide hormone that is expressed across several tissues, predominantly in liver and adipocyte tissues, and, to a lower extent, in the pancreas, skeletal muscle, heart, kidneys and testes. FGF21 plays a role in regulating adaptation to various metabolic abnormalities. In the liver, FGF21 plays an important role in the regulation of fatty acid oxidation both in the fasted state and in mice consuming a high-fat, low-carbohydrate ketogenic diet. FGF21 also regulates fatty acid metabolism in mice consuming a diet that promotes hepatic lipotoxicity.

Synonyms:

FGF21, FGF-21, FGF 21, Fibroblast growth factor 21, UNQ3115/PR010196

注意事项:

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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