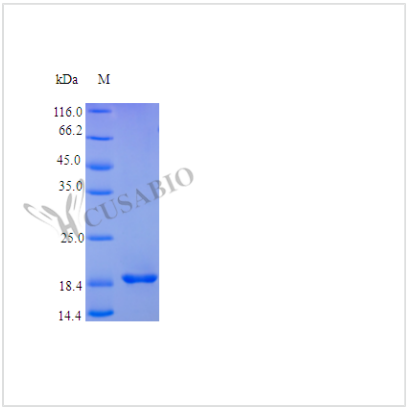
Recombinant Human Fibroblast growth factor 21 protein (FGF21) (Active)

Product Code	CSB-AP002471HU
Abbreviation	Recombinant Human FGF21 protein (Active)
Uniprot No.	Q9NSA1
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered PBS, pH 7.4
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5 μg/ml, corresponding to a specific activity of >2.0x10^3 IU/mg in the presence of 5 ug/ml of rMuKlotho-β and 10 μg/ml of heparin.
Purity	>96% as determined by SDS-PAGE.
Sequence	HPIPDSSPLL QFGGQVRQRY LYTDDAQQTE AHLEIREDGT VGGAADQSPE SLLQLKALKP GVIQILGVKT SRFLCQRPDG ALYGSLHFDP EACSFRELLL EDGYNVYQSE AHGLPLHLPG NKSPHRDPAP RGPARFLPLP GLPPALPEPP GILAPQPPDV GSSDPLSMVG PSQGRSPSYA S
Research Area	Cancer
Source	E.coli
Target Names	FGF21
Expression Region	29-209aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	19.4 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	10858549; 12975309; 15489334; 15340161; 15902306; 17623664; 18829467; 19117008; 20094046
Image	



Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.