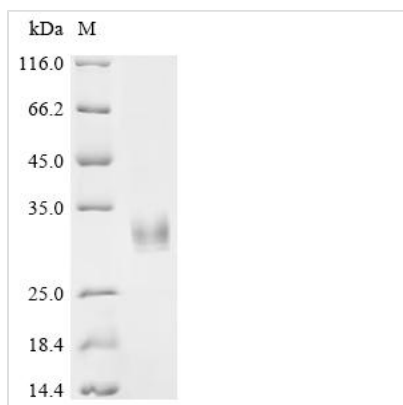


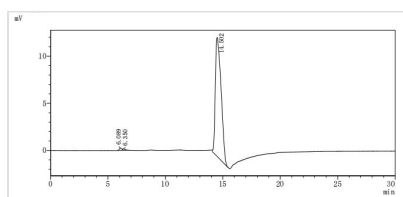


Recombinant Cat Fibroblast growth factor 23 (FGF23)(R174Q)

Product Code	CSB-MP5514CA(A4)(M)
Abbreviation	Recombinant Cat FGF23 protein (R174Q)
Storage	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.
Uniprot No.	A0A337SEX6
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Cat Fibroblast growth factor 23 (FGF23)(R174Q)
Immunogen Species	Felis catus (Cat) (Felis silvestris catus)
Sensitivity	Not Test
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	MSGTRLGLLVSVLCWVVRAYPNTSPLLGSSWGGLTHLYTATARN SYHLQIHK DGHVDGTPHQTIYSALMIRSEDAGFVVITGVMSQRYLCMDFRGNIFGSHLFSP ESCRFRQRTLENGYDVYHSPQHRFLVSLGPAKRAFLPGTNPPPYSQLSRRN EIPLVHFNTPRPRRHTRSAEDAERDPLNLVKPRPRMTPAPASCSQELPSAEDS GVVASDPLGVLRGNRVNAHAGGMGVERCRPF PKFN
Research Area	Cancer
Source	Mammalian cell
Target Names	FGF23
Expression Region	1-245aa(R174Q)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	28.0 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of FGF23 was greater than 95% as determined by SEC-HPLC

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.