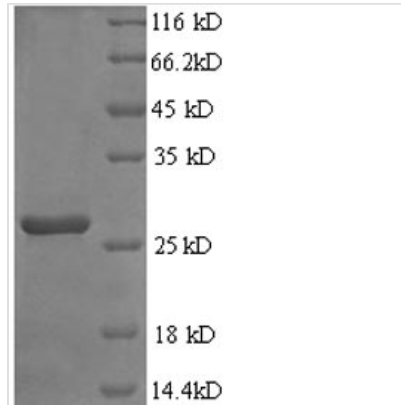




Recombinant Rat Fibroblast growth factor 23 (Fgf23)

Product Code	CSB-EP008629RA
Relevance	Regulator of phosphate homeostasis . Inhibits renal tubular phosphate transport by reducing SLC34A1 levels . Regulator of vitamin-D metabolism . Negatively regulates osteoblasts differentiation and matrix mineralization . Acts directly on the parathyroid to decrease PTH secretion. Upregulates EGR1 expression in the presence of KL.
Abbreviation	Recombinant Rat Fgf23 protein
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.	Q8VI82
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	YSDTSPLLGSNWGSLTHLYTATARNSYHLQIHRDGHVDGTPHQTIYSALMITSE DAGSVVIIGAMTRRFLCMDLRGNIFGSYHFSPENCRFRQWTLENGYDVYLSPK HHYLVSLGRSKRIFQPGTNPPPFSSQFLARRNEVPLLHFYTARPRRHTRS AEDP PERDPLNVLKPRPRATPIPVSCSRELPSAEEGGPAASDPLGVLRGRGDARR GAGGTDRCRPFPRFV
Research Area	Others
Source	E.coli
Target Names	Fgf23
Expression Region	25-251aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	29.5kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.