

RPCB1767

Product Information

Product SKU:	RPCB1767	Gene ID:	8074	Size:	10µg
Tag:	C-His	Reactivity:	human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q9GZV9
Purity:	> 97% by SDS-PAGE.		

Protein Information

Background: Fibroblast growth factor 23 (FGF23) is an endocrine member of the family of FGFs and mainly produced in the bone and, upon secretion, forms a complex with a FGF receptor and coreceptor α Klotho. FGF23 can exert several endocrine functions, such as acting as a hormone on the kidney, stimulating phosphate excretion and suppressing formation of 1,25(OH)₂D₃, active vitamin D. Moreover, it has paracrine activities on several cell types, including neutrophils and hepatocytes. FGF23 and phosphate have been revealed to be factors relevant in cancer. FGF23 is particularly significant for those forms of cancer primarily affecting bone (e.g., multiple myeloma) or characterized by bone metastasis.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant human FGF-23 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of 20mM MOPS, 150mM NaCl, 5mM EDTA, 2mM DTT, pH 7.4

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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