

Recombinant Human FGF23(R179Q) protein, His-tagged

Cat. No. FGF23-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF23 protein(Q9GZV9-1(R179Q))(Tyr 25 - Ile 251), fused with His Tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr 25 - Ile 251
Form	Lyophilized from 0.22 µm filtered solution in 20 mM MOPS, 150 mM NaCl, 5 mM EDTA, 2 mM DTT, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a calculated MW of 27.3 kDa. The protein migrates as 30-32 kDa and 33-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FGF23 fibroblast growth factor 23 [Homo sapiens]

Official Symbol FGF23

Synonyms FGF23; fibroblast growth factor 23;

Gene ID 53406

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