

RMCH111**Recombinant FGF-22 (Fibroblast growth factor-22), Human, AF** 5ug;20ug;100ug;500ug;

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Synonym/Alternative name(s) : UNQ2500/PRO5800**Activity:**

Measure by its ability to induce 3T3 cells proliferation.

The ED50 for this effect is <2 ng/mL.

Protein Description:

FGF-22 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development.

Protein Accession : Q9HCT0.1**Gene ID :** 27006**Expression Sequence:**

TPSASRGPRSYPHLEGDVRWRRLFSSTHFFLRVDPGGRVQGTRWRHGGQDSILEIRSVHVGVVVIKAVSSGFYVAMNRRGRLYGSRLYT
VDCRFREIEENGHNTYASQRWRRRQPMFLALDRRGGPRPGGRTRRYHLSAHFLPVLVS with polyhistidine tag and SUMO
tag at the N-terminus.

Fusion tag : His-tag?at?the?N-terminus**Species :** Human**Reactivity :** Human**Expression Host :** Escherichia coli**Source :** E. coli**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 29.35 kDa**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 8.0.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

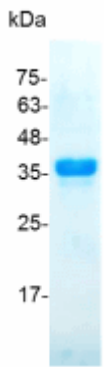
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human FGF-22