

Active Recombinant Human KLB protein, His-tagged, Low Endotoxin

Cat. No. KLB-539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KLB protein(Q86Z14)(Met30-Thr983) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	30-983 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Beta Klotho at 2µg/ml (100µl/Well). Dose response curve for Anti-Beta Klotho Antibody1, hFc Tag with the EC50 of 24.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 111.6 kDa. Due to glycosylation, the protein migrates to 115-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [KLB klotho beta \[Homo sapiens \]](#)

Official Symbol [KLB](#)

Synonyms KLB; klotho beta; beta-klotho; betaKlotho; klotho beta like; klotho beta-like protein; BKL; MGC142213;

Gene ID [152831](#)

mRNA Refseq [NM_175737](#)

Protein Refseq [NP_783864](#)

MIM [611135](#)

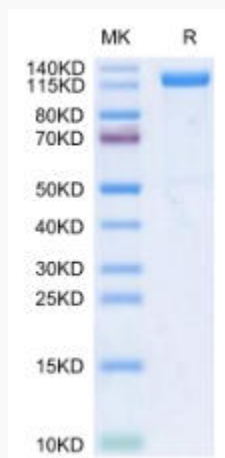
UniProt ID [Q86Z14](#)

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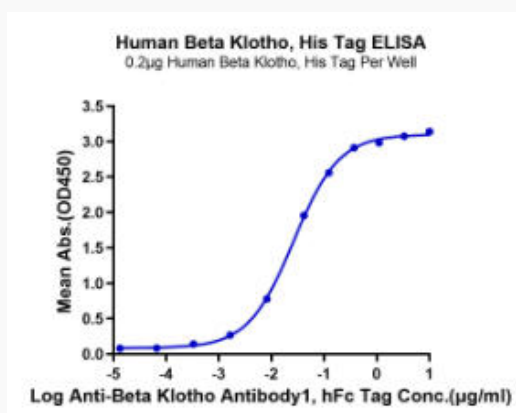
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Bis-Tris PAGE



ELISA Data



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