

Recombinant Human KLB protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human KLB protein(Q86Z14)(Met30-Thr983), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met30-Thr983
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Beta Klotho at 2ug/ml (100ul/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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](#)

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA