

Active Recombinant Human KLB, His-tagged

Cat. No. KLB-538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLB (Phe53-Leu997), fused with a C-terminal 10-His tag, was expressed in Mouse NSO Cells.
Species	Human
Source	Mammalian Cells
ProteinLength	53-997 a.a.
Predicted N Terminal	Phe53
Form	Supplied as a 0.2 µ filtered solution in PBS, Glycerol and EDTA.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	Predicted Molecular Mass: 110 kDaSDS-PAGE: 126 kDa, reducing conditions
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -70 °C as supplied.1 month, 2 to 8 °C under sterile conditions after opening.

GENE INFORMATION

Gene Name	KLB klothe beta [Homo sapiens (human)]
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Official Symbol	KLB
Synonyms	KLB; klotho beta;BKL; MGC142213; beta-klotho; betaKlotho; klotho beta like; klotho beta-likeprotein; EC 3.2.18; OTTHUMP00000158728
Gene ID	152831
mRNA Refseq	NM_175737
Protein Refseq	NP_783864
MIM	611135
UniProt ID	Q86Z14
Chromosome Location	4p14
Pathway	Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions
Function	fibroblast growth factor binding; hydrolase activity, hydrolyzing O-glycosyl compounds; protein binding

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