

Datasheet for ABIN7607182

Klotho beta Protein (KLB) (AA 35-982) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Klotho beta (KLB)
Protein Characteristics:	AA 35-982
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Klotho beta protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse KLB/Beta-klotho Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using mouse pro-B cells (BaF3) transfected with human FGF RIIIc. The ED50 for this effect is 0.04-0.4 µg/mL in the presence of 1 µg/mL of recombinant human FGF23 and 10 µg/mL of heparin.

Target Details

Target:	Klotho beta (KLB)
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Target Details

Alternative Name:	Beta-klotho (KLB Products)
Background:	Beta-klotho, BKL, BetaKlotho, Klotho beta-like protein, KLB
UniProt:	O35082
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Growth Factor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months