

Recombinant Human KL Protein (Glu34-Ser981), N-His tagged

Cat. No. KL-3302H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human KL (Glu34-Ser981) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu34-Ser981
Description	This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss.
Molecular Mass	111.35 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

 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 Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

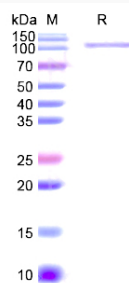
Gene Name	KL klotho [Homo sapiens (human)]
Official Symbol	KL
Synonyms	KL; klotho;
Gene ID	9365
mRNA Refseq	NM_004795
Protein Refseq	NP_004786
MIM	604824
UniProt ID	Q9UEF7

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SDS-PAGE



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