



# Recombinant human Klotho protein [His] (DAGF-099)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The Klotho Human Recombinant is produced in CHO cells and fused with a C-terminal 6xHis Tag. The Klotho His Tagged Fusion Protein is 59.5kDa protein containing a total of 522 amino acid residues. Klotho protein is isoform 2 (UniProt entry Q9UEF7-2 Isoform 2) known as secreted.
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Conjugate</b>	His
<b>Sequence Similarities</b>	EPGDGAQQTWARFSRPPAPEAAGLFQGTFPDGFLLWAVGSAAYQTEGGWQQHGKGASIWDTF THHPLAPPGDSRNASLPLGAPSPQLPATGDVASDSYNNVFRDTEALRELGVTHYRFSISW ARVLPNGSAGVPNREGLRYYRLLERLRELGVQPVVTLYHWDLPQRLQDAYGGWANRALA DHFRDYAELCFRHFGGQVKYWITIDNPYVVAWHGYATGRLAPGIRGSPRLGYLVAHNNLL AHAKVWHLYNTSFRPTQGGQVSIALSSHWINPRRMTDHSIKECQKSLDFVLGWFAKPVFI DGDYPESMKNLSSILPDFTESEKKFIKGTADFFALCFGPTLSFQLLDPHMKFRQLESPN LRQLLSWIDLEFNHPQIFIVENGWVSGTTKRDDAKYMYLLKKFIMETLKAIKLDGVDVI GYTAWSLMDGFEWHRGYSIRRGFLFYVDFLSQDKMLLPKSSALFYQKLIKNGFPPLPENQ PLEGTFCDFAWGVVDNYIQVSQLTKPISSLTTPYHHHHHHH.
<b>Molecular Weight</b>	59.5kDa
<b>Format</b>	Lyophilized
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Buffer</b>	Klotho Human recombinant was filtered (0.4 um) and lyophilized from 0.5mg/ml in 0.08M phosphate buffer and 0.1M NaCl, pH 7.2.
<b>Preservative</b>	None

**Storage**

Store lyophilized Klotho Human recombinant at -20°C. Aliquot Klotho after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

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## BACKGROUND

**Keywords**

Klotho; KL; KLOT Human; Klotho protein

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