



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

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

PRODUCT INFORMATION

Antigen Description	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.
Purity	Greater than 90% as determined by SDS-PAGE.
Conjugate	His
Sequence Similarities	EPGDGAQQTWARFSRPPAPEAAGLFQGTFPDGFLLWAVGSAAYQTEGGWQQHKGKASIWDTF THHPLAPPGDSRNASLPLGAPSPLQPATGDVASDSYNNVFRDTEALRELGVTHYRFSISW ARVLPNGSAGVPNREGLRYYRLLERLRELGVQPVVTLYHWDLPQRLQDAYGGWANRALA DHFRDYAELCFRHFQGGQVKYWITIDNPYVVAWHGYATGRLAPGIRGSPRLGYLVAHNNLL AHAKVWHLYNTSFRPTQGGQVSIALSSHWINPRRMTDHSIKECQKSLDFVLGWFAKPVFI DGDYPESMKNLSSILPDFTESEKKFIKGTADFFALCFGPTLSFQLLDPHMKFRQLESPN LRQLLSWIDLEFNHPQIFIVENGWVSGTTKRDDAKYMYLKKFIMETLKAIKLDGVDVI GYTAWSLMDGFEWHRGYSIRRGFLFYVDFLSQDKMLLPKSSALFYQKLIKNGFPPLPENQ PLEGTFPDFAWGVVDNYIQVSQLTKPISSLTTPYHHHHHHH.
Molecular Weight	59.5kDa
Format	Lyophilized
Concentration	Batch dependent - please inquire should you have specific requirements.
Buffer	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.
Preservative	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.

BACKGROUND

Keywords

Klotho; KL; KLOT Human; Klotho protein
