

[Go to Product page](#)

Datasheet for ABIN7505805

Klotho Protein (KL) (AA 765-981) (His tag)

Overview

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| Quantity: | 100 µg |
| Target: | Klotho (KL) |
| Protein Characteristics: | AA 765-981 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Klotho protein is labelled with His tag. |

Product Details

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| Sequence: | Phe 765-Ser 981 |
| Characteristics: | A DNA sequence encoding the Human KL protein (Q9UEF7) (Phe 765-Ser 981) was expressed with a N-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | Klotho (KL) |
| Alternative Name: | Klotho (KL Products) |
| Background: | <p>Background: Klotho, also called Klotho-alpha, is the founding member of the Klotho family within the glycosidase-1 superfamily . Klotho is expressed in areas concerned with calcium regulation, predominantly in the kidney distal convoluted tubules, but also in the bra</p> <p>Synonym: KI, EC 3.2.1,EC 3.2.1.31,KL,Klotho,KLOT</p> |

Target Details

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| Molecular Weight: | 23.76 kDa |
| UniProt: | Q9UEF7 |
| Pathways: | Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Hormone Activity , Growth Factor Binding |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 12 months |