

Recombinant Mouse KLK11 Protein, His-tagged

Cat. No. KLK11-928M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant mouse KLK11 isoform 2 (Q9QYN3) (Met 1-Asn 276), was fused with a C-terminal polyhistidine tag. |
| Species | Mouse |
| Source | HEK293 |
| ProteinLength | 1-276 a.a. |
| Predicted N Terminal | Glu 45 |
| Form | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol. |
| Molecular Mass | The secreted recombinant mouse KLK11 (pro form) comprises 243 amino acids and has a calculated molecular mass of 27.3 kDa. The apparent molecular mass of rmKLK11 is approximately 38-42 kDa in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >95 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

 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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KLK11 kallikrein related-peptidase 11 \[Mus musculus \]](#)

Official Symbol [KLK11](#)

Synonyms KLK11; kallikrein related-peptidase 11; kallikrein-11; hippostasin; kallikrein 11; serine protease 20; protease, serine, 20; TLSP; Prss20; 2310015I08Rik; MGC144345;

Gene ID [56538](#)

mRNA Refseq [NM_001177373](#)

Protein Refseq [NP_001170844](#)

MIM

UniProt ID

Function catalytic activity; hydrolase activity; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;

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