

# Mouse KLKB1 Protein

Cat. No. KLK-MM1B1

## Description

<b>Source</b>	Recombinant Mouse KLKB1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly20-Ala638.
<b>Accession</b>	P26262
<b>Molecular Weight</b>	The protein has a predicted MW of 70.3 kDa. Due to glycosylation, the protein migrates to 75-85 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

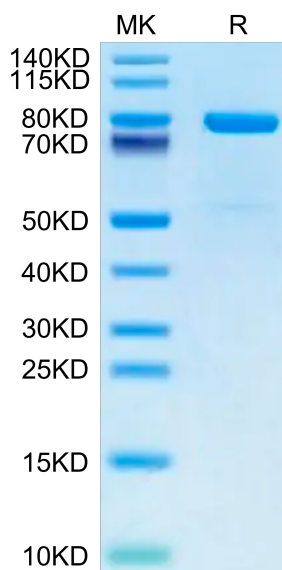
<b>Formulation</b>	Supplied as 0.22µm filtered solution in 20mM NaAc, 150mM NaCl (pH 5.0).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Plasma kallikrein, also known as Fletcher factor or kallikrein B1 (KLKB1), is a serine endopeptidase, like its homologs tissue kallikrein and kallikrein-related peptidases (KLKs). Its physiological role is to catalyze the release of kinins and other vasoactive peptides.

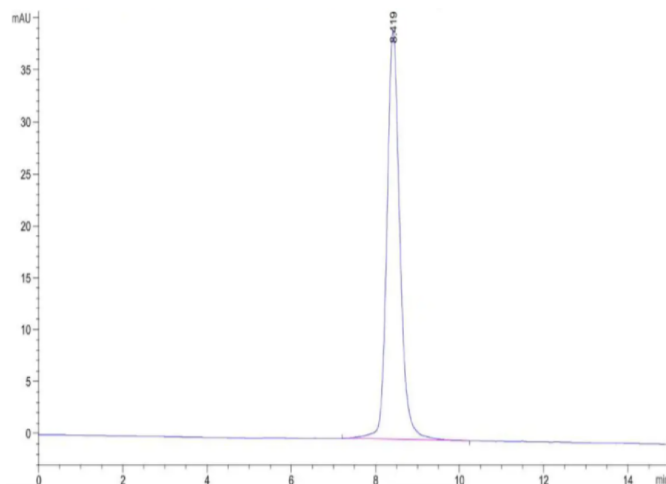
## Assay Data

### Bis-Tris PAGE



Mouse KLKB1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Mouse KLKB1 is greater than 95% as determined by SEC-HPLC.