

Datasheet for ABIN7607269

Kallikrein 1 Protein (KLK1) (AA 25-262) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Kallikrein 1 (KLK1)
Protein Characteristics:	AA 25-262
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Kallikrein 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human KLK1 Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a flourogenic peptide substrate Pro-Phe-Arg-7-amido-4-methylcoumarin (PFR-AMC). The specific activity is >1,500 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	Kallikrein 1 (KLK1)
---------	---------------------

Target Details

Alternative Name:	Kallikrein-1 (KLK1 Products)
Background:	Kallikrein-1, Kidney/pancreas/salivary gland kallikrein, Tissue kallikrein, KLK1
UniProt:	P06870
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months