

Datasheet for ABIN7583275

MASP1 Protein (AA 450-721) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MASP1
Protein Characteristics:	AA 450-721
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MASP1 protein is labelled with His tag.

Product Details

Purpose:	Human MASP3 Protein
Sequence:	Ile450-Val721
Characteristics:	Recombinant Human MASP3 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ile450-Val721.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MASP1
Alternative Name:	MASP3 (MASP1 Products)

Target Details

Background:	Mannose-binding lectin-associated serine protease-1 (also named MASP3), a multifunctional serine protease, plays an important role in innate immunity which is capable of activating the lectin pathway of the complement system and also triggering coagulation cascade system.
Molecular Weight:	31.10 kDa. Due to glycosylation, the protein migrates to 43-53 kDa based on Tris-Bis PAGE result.
UniProt:	P48740-2
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months