

Datasheet for ABIN7199429

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
Biological Activity:	Active
Purification tag / Conjugate:	This MASP1 protein is labelled with His tag.

Product Details

Purpose:	Human MASP3 (450-721) Protein, His Tag (active enzyme)
Sequence:	Ile 450 - Val 721
Characteristics:	Human MASP3 (450-721), His Tag (MA3-H52H3) is expressed from human 293 cells (HEK293). It contains AA Ile 450 - Val 721 (Accession # P48740-2).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	MASP1
Alternative Name:	MASP3 (MASP1 Products)

Target Details

Background: Synonyms: MASP3, MASP1, CRARF1, RaRF,
Description: MASP3 is a member of the MASP family. The MASP family proteins were first discovered as complexes with mannose-binding lectin (MBL) and therefore named MBL-associated serine proteases, but later, they were found to interact with collectins, and later still, collectin-10 and collectin-11. As well as proteolytic enzymes (MASP-1, MASP-2, MASP-3), the group includes non-enzymatic factors (MAp19, MAp44). In this review, the association-specific factors of the lectin pathway with hematologic malignancies and related infections are discussed.

Molecular Weight: 31.6 kDa

NCBI Accession: [NP_624302](#)

Pathways: [Complement System](#)

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 31.6 kDa. The protein migrates as 38-45 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C