

MASP1 抗原（重组蛋白）

中文名称： MASP1 抗原（重组蛋白）

英文名称： MASP1 Antigen (Recombinant Protein)

别名： 3MC1; MAP1; MASP; RaRF; CRARF; MASP3; MAp44; PRSS5; CRARF1

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 449-699 amino acids of humanMASP1

技术规格

Full name:	mannan binding lectin serine peptidase 1
Synonyms:	3MC1; MAP1; MASP; RaRF; CRARF; MASP3; MAp44; PRSS5; CRA RF1
Swissprot:	P48740
Gene Accession:	BC106945
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a serine protease that functions as a compo nent of the lectin pathway of complement activation. The compl ement pathway plays an essential role in the innate and adaptiv e immune response. The encoded protein is synthesized as a zy

mogen and is activated when it complexes with the pathogen recognition molecules of lectin pathway, the mannose-binding lectin and the ficolins. This protein is not directly involved in complement activation but may play a role as an amplifier of complement activation by cleaving complement C2 or by activating another complement serine protease, MASP-2. The encoded protein is also able to cleave fibrinogen and factor XIII and may may be involved in coagulation. A splice variant of this gene which lacks the serine protease domain functions as an inhibitor of the complement pathway. Alternate splicing results in multiple transcript variants.