

Datasheet for ABIN7275235

**MCEMP1 Protein (AA 107-187) (Fc Tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	MCEMP1
Protein Characteristics:	AA 107-187
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCEMP1 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human MCEMP1 Protein
Sequence:	Lys107-Gln187
Characteristics:	Recombinant Human MCEMP1 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Lys107-Gln187.
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:	MCEMP1
Alternative Name:	MCEMP1 ( <a href="#">MCEMP1 Products</a> )

## Target Details

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**Background:** A cecal ligation and puncture-induced sepsis mouse model was established to determine the expression of mast cell expression membrane protein 1 (MCEMP1). MCEMP1 in T lymphocytes isolated from sepsis mice were up- or downregulated by exogenous transfection in an attempt to investigate their effects on the release of inflammatory factors, the expression of immunoglobulins, the activity of T cell subsets and natural killer (NK) cells, as well as T lymphocyte apoptosis.

**Molecular Weight:** 36.6 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q8IX19](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

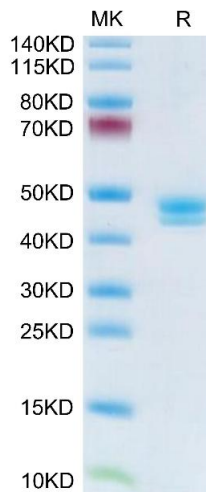
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

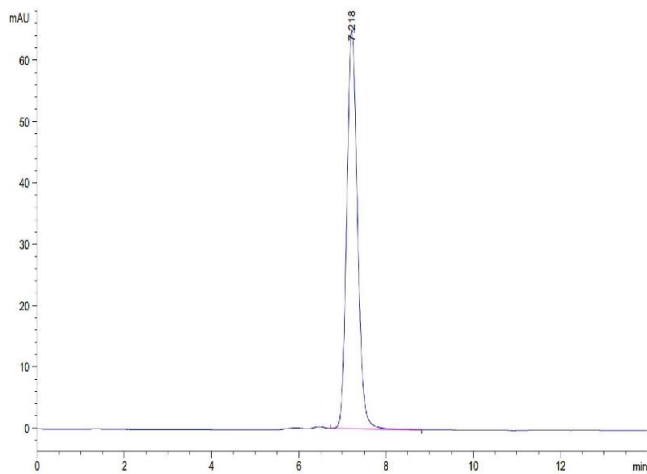
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Human MCEMP1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human MCEMP1 is greater than 95 % as determined by SEC-HPLC.