

Synonym

MASP3, MASP1, CRARF1, RaRF

Source

Human MASP3, His Tag (MA3-H5243) is expressed from human 293 cells (HEK293). It contains AA Gly 298 - Val 721 (Accession # [P48740-2](#)).
Predicted N-terminus: His

Molecular Characterization

Poly-his

MASP3(Gly 298 - Val 721)
P48740-2

This protein carries a polyhistidine tag at the N-terminus.
The protein has a calculated MW of 48.7 kDa. The protein migrates as 60-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Delivered as bulk protein in a 0.2 µm filtered solution of 50 mM Tris, 150 mM NaCl, pH8.0 with trehalose as protectant.
Contact us for customized product form or formulation.

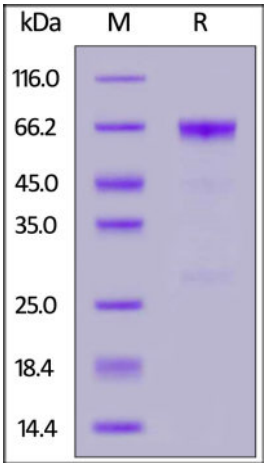
Storage

Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:
• The product MUST be stored at -70°C or lower upon receipt;
• -70°C for 3 months under sterile conditions.

Shipping

This product is supplied as sterile liquid solution and shipped frozen with dry ice, please inquire the shipping cost.

SDS-PAGE



Human MASP3, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Background

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 ficolins, 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 haematologic malignancies and related infections are discussed.

References

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.