

Product datasheet

Recombinant MD2 protein (Active) ab238343

Description

Product name	Recombinant MD2 protein (Active)
Biological activity	Determined by its ability to bind rhMD-2 in a functional ELISA.
Purity	> 90 % SDS-PAGE. Greater than 90% by HPLC analyses.
Expression system	HEK 293 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant

Specifications

Our [Abpromise guarantee](#) covers the use of **ab238343** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies SDS-PAGE HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituent: 0.16% Sodium phosphate This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute in 20 mM citric acid, pH 2.4 at 0.1 - 1.0 mg/ml.

General Info

Function	Cooperates with TLR4 in the innate immune response to bacterial lipopolysaccharide (LPS), and with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria. Enhances TLR4-dependent activation of NF-kappa-B. Cells expressing both MD2 and
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	TLR4, but not TLR4 alone, respond to LPS.
Post-translational modifications	N-glycosylated; high-mannose.
Cellular localization	Secreted > extracellular space.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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