

Datasheet for ABIN7312972
MOG Protein (AA 30-154) (His tag)



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Overview

Quantity:	50 µg
Target:	MOG
Protein Characteristics:	AA 30-154
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOG protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human MOG Protein is produced by our E. coli expression system and the target gene encoding Gly30-Gly154 is expressed with a 6His tag at the C-terminus.
Sequence:	MGQFRVIGPR HPIRALVGDE VELPCRISPG KNATGMEVGW YRPPFSRVVH LYRNGKDQDG DQAPEYRGRT ELLKDAIGEG KVTLRIRNVR FSDEGGFTCF FRDHSYQEEA AMELKVEDPF YWVSPGHHHH HH
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	MOG
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Target Details

Alternative Name: [MOG \(MOG Products\)](#)

Gene ID: 4340

UniProt: [Q16653](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 μ M filtered solution of 20 mM HAc-NaAc, 150 mM NaCl, pH 4.5

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.