

## Recombinant Human MOG protein, His-tagged

**Cat. No.** MOG-0509H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MOG protein(Gly30-Gly154), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	30-154 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 16.2 kDa. The protein migrates as 19-21 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gly30-Gly154
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	MOG myelin oligodendrocyte glycoprotein [ Homo sapiens ]
<b>Official Symbol</b>	MOG
<b>Synonyms</b>	MOG; myelin oligodendrocyte glycoprotein; myelin-oligodendrocyte glycoprotein; MOG Ig-AluB; MOG alpha-5; MOGIG2; NRCLP7; MGC26137;
<b>Gene ID</b>	4340
<b>mRNA Refseq</b>	NM_001008228
<b>Protein Refseq</b>	NP_001008229
<b>MIM</b>	159465
<b>UniProt ID</b>	Q16653

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