

Recombinant Human MOG protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MOG protein(Gly30-Gly154), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	30-154 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	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.
Proteinlength	Gly30-Gly154
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

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

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