

## Recombinant Human MOG, Fc-tagged, Biotinylated

**Cat. No.** MOG-640H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	The recombinant human MOG-Fc fusion is expressed as a 354 amino acid protein consisting of Gly30 - Glu145 region of MOG (Uniprot Accession #Q16653) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	30-145 a.a.
<b>Form</b>	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
<b>Molecular Mass</b>	Calculated molecular mass (kDa): 39.9; Estimated by SDS-PAGE under reducing condition (kDa): 45-50
<b>Endotoxin</b>	<0.1 eu per 1 µg of purified recombinant protein determined by the lal">
<b>Purity</b>	>95% judged by SDS-PAGE under reducing condition
<b>Storage</b>	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw

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cycles.

**Conjugation** Biotin

## 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](#)

**Chromosome Location** [6p22-p21.3](#)

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