

Recombinant Human MOG, Fc-tagged, Biotinylated

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Human Cells
ProteinLength	30-145 a.a.
Form	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).
Molecular Mass	Calculated molecular mass (kDa): 39.9; Estimated by SDS-PAGE under reducing condition (kDa): 45-50
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the LAL>
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	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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