

Recombinant Full Length Human MOG Protein, GST-tagged

Cat. No. MOG-6302HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MOG full-length ORF (AAH35938, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	295 amino acids
Description	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Molecular Mass	58.19 kDa
AA Sequence	MASLSRPSLPSCLCSFLLLLLLQVSSSYAGQFRVIGPRHPIRALVGDEVELPCRISPG KNATGMEVGWYRPPFSRVVHLYRNGKDQDGDQAPEYRGRTELLKDAIGEGKVTLR IRNVRFSDEGGFTCFRRDHSYQEEAAMELKVEDPFYWVSPGVLVLLAVLPVLLLQIT VGLVFLCLQYRLRGKLRAEIENLHRTFDPHFLRVPCWKITLFVIVPVLGPLVALIICYN WLHRRLAGQFLEELRKFSLLCYKQRIKSQERETEATRGRGGLLRDHIPRGKEEESL GGGKTPPGR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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