

## Recombinant Mouse Mog Protein (Gln29-Gly125), N-His tagged

Cat. No. Mog-6755M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Mog (Gln29-Gly125) fused with the N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln29-Gly125
<b>Description</b>	Predicted to enable signaling receptor binding activity. Predicted to be involved in T cell receptor signaling pathway and regulation of cytokine production. Predicted to act upstream of or within cell adhesion. Located in myelin sheath. Is expressed in brain and cerebellum. Human ortholog (s) of this gene implicated in multiple sclerosis; narcolepsy; and optic neuritis. Orthologous to human MOG (myelin oligodendrocyte glycoprotein).
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	31.85 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

**Storage Buffer** Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** [Mog myelin oligodendrocyte glycoprotein \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Mog](#)

**Synonyms** Mog; myelin oligodendrocyte glycoprotein; B230317G11Rik; myelin-oligodendrocyte glycoprotein

**Gene ID** [17441](#)

**mRNA Refseq** [NM\\_010814](#)

**Protein Refseq** [NP\\_034944](#)

**UniProt ID** [Q61885](#)

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