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

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

SPECIFICATION

Product Overview	Recombinant mouse Mog (Gln29-Gly125) fused with the N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln29-Gly125
Description	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).
Form	Lyophilized powder/frozen liquid
Molecular Mass	31.85 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	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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