Recombinant Human MOG Protein, MYC/DDK-tagged

Cat. No. MOG-5453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human myelin oligodendrocyte glycoprotein (MOG), transcript variant alpha1 with C-MYC/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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.
Molecular Mass	25.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	MOG myelin oligodendrocyte glycoprotein [Homo sapiens (human)]

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Official Symbol	MOG
Synonyms	MOG; myelin oligodendrocyte glycoprotein; BTN6; BTNL11; MOGIG2; NRCLP7; myelin-oligodendrocyte glycoprotein; MOG AluA; MOG AluB; MOG Ig-AluB; MOG alpha-5
Gene ID	4340
mRNA Refseq	NM_206809
Protein Refseq	NP_996532
MIM	159465
UniProt ID	Q16653

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