

Myelin-oligodendrocyte glycoprotein/MOG Recombinant Protein | MOG recombinant protein

Recombinant Human Myelin-oligodendrocyte glycoprotein/MOG Protein

CATALOG # AAA282476	HOST HEK293 cells
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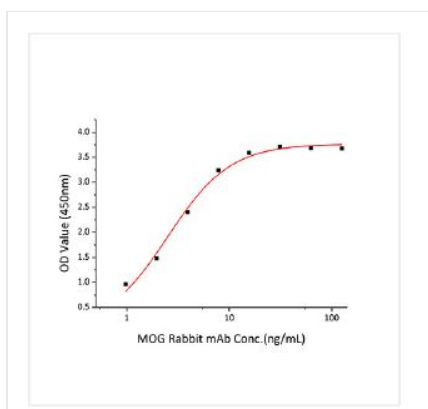
PRODUCT SYNONYMS

Myelin-oligodendrocyte glycoprotein/MOG; Recombinant Human Myelin-oligodendrocyte glycoprotein/MOG Protein; BTN6; BTNL11; MOGIG2; NRCLP7; MOG; MOG recombinant protein

PRODUCT SPECIFICATIONS

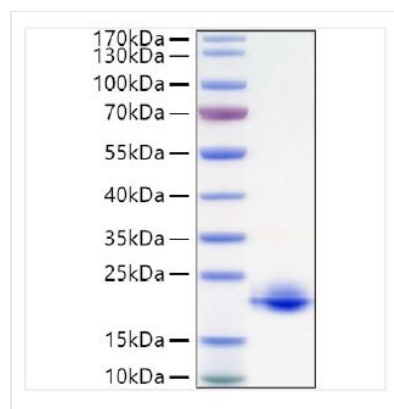
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human MOG at 1 ug/mL (100 uL/well) can bind Myelin oligodendrocyte glycoprotein Rabbit mAb with a linear range of 0.98-2.5 ng/mL
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Human MOG at 1 ug/mL (100 uL/well) can bind Myelin oligodendrocyte glycoprotein Rabbit mAb with a linear range of 0.98-2.5ng/mL



SDS-PAGE

Active Recombinant Human Myelinoligodendrocyte glycoprotein/MOG Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 22kDa.

ADDITIONAL INFORMATION

Related Product Information for MOG recombinant protein	Recombinant Human Myelin-oligodendrocyte glycoprotein/MOG Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly30-Gly154) of human MOG (Accession #NP_996532.2) fused with a 6×His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56788389
NCBI GeneID	4340
NCBI Accession #	NP_001008229.1
NCBI GenBank Nucleotide #	NM_001008228.2
UniProt Accession #	Q16653; O00713; O00714; O00715; Q13054; Q13055; A6NDR4; A6NNJ9; A8MY31; B0UZR9; E9PGF0; F8W9D5
Molecular Weight	33,528 Da
NCBI Official Full Name	myelin-oligodendrocyte glycoprotein isoform alpha3
NCBI Official Synonym Full Names	myelin oligodendrocyte glycoprotein
NCBI Official Symbol	MOG
NCBI Official Synonym Symbols	BTN6; BTNL11; MOGIG2; NRCLP7
NCBI Protein Information	myelin-oligodendrocyte glycoprotein; MOG Ig-AluB; MOG alpha-5
UniProt Protein Name	Myelin-oligodendrocyte glycoprotein
UniProt Gene Name	MOG
UniProt Entry Name	MOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.