

Recombinant Human MOG protein, GST-tagged

Cat. No. MOG-301349H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MOG (30-154 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly30-Gly154
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	GQFRVIGPRHPIRALVGDEVELPCRISPGKNATGMEVGWYRPPFSRVVHLYRNGKD QDGDQAPEYRGRTTELLKDAIGEGKVTLRIRNVRFSDGEGFTCFFRDHSYQEEAAME LKVEDPFYWVSPG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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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