

Product Name: Recombinant Human MOG (C-6His)
Catalog #: PHH1174

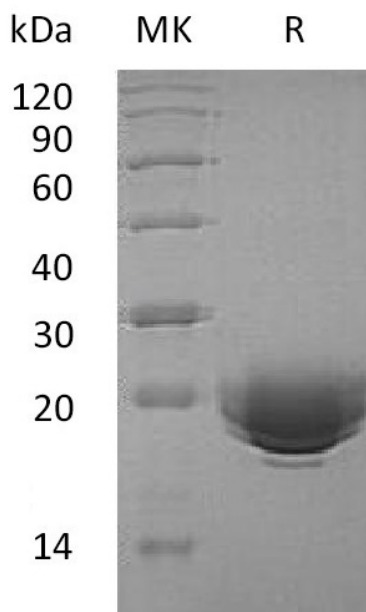


Summary

| | |
|---------------------------------|--|
| Name | MOG/Myelin-oligodendrocyte glycoprotein |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | Recombinant Human Myelin Oligodendrocyte Glycoprotein is produced by our Mammalian expression system and the target gene encoding Gly30-Gly154 is expressed with a 6His tag at the C-terminus. |
| Accession # | Q16653 |
| Host | Human Cells |
| Species | Human |
| Predicted Molecular Mass | 15.31 KDa |
| Formulation | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

SDS-PAGE image

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Alternative Names

Myelin-Oligodendrocyte Glycoprotein; MOG; MOG(1-125)

Background

Myelin Oligodendrocyte Glycoprotein (MOG) is a transmembrane protein, which is expressed exclusively in the CNS. MOG contains a single Ig-domain exposed to the extracellular space which allows autoantibodies easy access. MOG protein has been identified as a crucial autoantigen for multiple sclerosis in humans. MOG is capable to produce a demyelinating multiple sclerosis-like disease in experimental animals, namely experimental autoimmune encephalomyelitis (EAE) in rodents and monkeys.

Note

For Research Use Only , Not for Diagnostic Use.