

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TP720042

Myelin oligodendrocyte glycoprotein (MOG) (NM_001008228) Human Recombinant Protein

Product data:

| Product Type: | Recombinant Proteins |
|--|--|
| Description: | Recombinant protein of human myelin oligodendrocyte glycoprotein (MOG), transcript variant alpha3 |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Gly30-Gly154 |
| Tag: | C-His |
| Predicted MW: | 15.2 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Bioactivity: | Tested for capability to induce EAE in rodents and monkeys |
| Endotoxin: | < 0.1 EU per μ g protein as determined by LAL test |
| Reconstitution Method: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | <u>NP 001008229</u> |
| Locus ID: | 4340 |
| UniProt ID: | <u>Q16653, Q16653-3</u> |
| Cytogenetics: | 6p22.1 |
| Synonyms: | BTN6; BTNL11; MOGIG2; NRCLP7 |
| | |

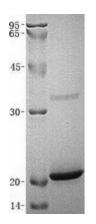


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

| | Myelin oligodendrocyte glycoprotein (MOG) (NM_001008228) Human Recombinant Protein – TP720042 |
|----------|---|
| Summary: | 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. [provided by RefSeq, Jul 2008] |

Protein Families: Transmembrane

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US