

Product datasheet for **TP724034**

Myelin oligodendrocyte glycoprotein (MOG) (NM_002433) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Myelin Oligodendrocyte Glycoprotein/MOG (C-His)
Species:	Human
Expression Host:	Human
Expression cDNA Clone or AA Sequence:	Gly30-Gly154
Tag:	C-6His
Predicted MW:	15 kDa
Purity:	greater than 95% as determined by reducing SDS-PAGE.
Buffer:	Provided lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	less than 0.1 ng/ μ g (1 EU/ μ g) as determined by TAL test.
Reconstitution Method:	It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Note:	Apparant Molecular Weight: 18.4 - 25kDa
Storage:	Lyophilized protein should be stored at below -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days if immediately used, but should be stored in aliquotes at below -20°C for extended storage. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Stability:	Aliquots of reconstituted samples are stable at below -20°C for 3 months. Avoid repeat freeze and thaw.
RefSeq:	NP_002424
Locus ID:	4340
UniProt ID:	Q16653 , Q5SSB8
Cytogenetics:	6p22.1
Synonyms:	BTN6; BTNL11; MOGIG2; NRCLP7



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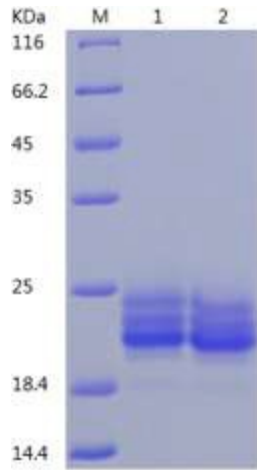
Summary:

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:



M: Marker 1: Sample in reducing conditions 2: Sample in non-reducing conditions