

Product datasheet for **TP701232**

Myelin oligodendrocyte glycoprotein (MOG) (NM_206809) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human myelin oligodendrocyte glycoprotein (MOG), transcript variant alpha1, Gly30-Val155, with C-terminal His tag, expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC222455, encoding the region(Gly30-Val155) of MOG
Tag:	C-His
Predicted MW:	15.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_996532
Locus ID:	4340
UniProt ID:	Q16653
RefSeq Size:	2119
Cytogenetics:	6p22.1
RefSeq ORF:	741
Synonyms:	BTN6; BTNL11; MOGIG2; NRCLP7



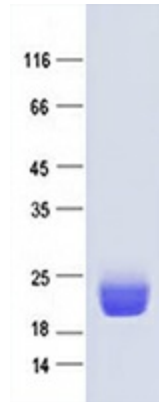
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Summary:

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:

Purified recombinant protein MOG was analyzed by SDS-PAGE gel and Coomassie Blue Staining.