PRODUCT INFORMATION

Target	MOG
Synonyms	BTN6; BTNL11; MOGIG2; NRCLP7
Description	Recombinant human MOG Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q16653
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	MOG(Gly30-Gly154) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 40.4 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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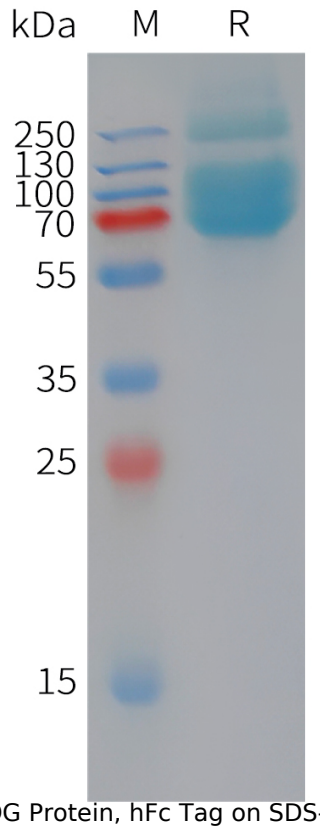


Figure 1. Human MOG Protein, hFc Tag on SDS-PAGE under reducing condition.

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