

PRODUCT INFORMATION

Target MOG

BTN6; BTNL11; MOGIG2; NRCLP7 **Synonyms**

Recombinant human MOG Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q16653 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

MOG(Gly30-Gly154) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 40.4 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

> 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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

Background 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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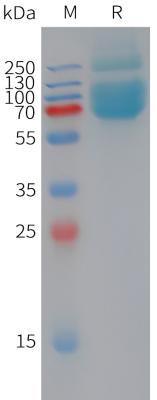


Figure 1. Human MOG Protein, hFc Tag on SDS-PAGE under reducing condition.

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