

RPPB3989

Product Information Protein Information

Product SKU:

RPPB3989

Accession:

Q16653

Host:

Escherichia Coli.

Protein description:

Myelin Oligodendrocyte Glycoprotein produced in E.Coli is a single, non-glycosylated polypeptide chain containing a total of 132 amino acids (Met + 30-154 a.a. + 6x His tag at C-terminus) and having a total molecular mass of 15.2 kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Myelin Oligodendrocyte Glycoprotein, MOG, MOGIG-2, MGC26137.

Formulation:

The Myelin Oligodendrocyte Glycoprotein was lyophilized from a 0.2µm filtered solution in 20mM HAC-NaAc and 150mM NaCl pH-4.5

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized MOG in sterile 50mM Acetic acid not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MOG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MOG should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MGQFRVIGPRHPIRALVGDEVELPCRISPGKNATGMEVWYRPPFSRVVHLYRNGKDQDGDQAPEYRGRTTELLKD
AIGEGKVTLRIRNVRFSDDEGGFTCFRDHSYQEEAAMELKVDPFYWVSPGHHHHHHH.