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Datasheet for ABIN7504467
MOG Protein (AA 29-156) (His tag)

Overview

Quantity:	100 µg
Target:	MOG
Protein Characteristics:	AA 29-156
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOG protein is labelled with His tag.

Product Details

Purpose:	Mouse MOG/Myelin Oligodendrocyte Glycoprotein Protein
Sequence:	Gly29-Thr156
Characteristics:	Recombinant Mouse MOG/Myelin Oligodendrocyte Glycoprotein Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gly29-Thr156.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MOG
Alternative Name:	MOG (MOG Products)

Target Details

Background: Myelin oligodendrocyte glycoprotein (MOG) antibody disease is a rare autoimmune disorder with antibodies against the MOG predominantly involving the optic nerve and spinal cord leading to vision loss and paralysis. When MOG antibody disease involves the brain, the phenotype is similar to acute disseminated encephalomyelitis (ADEM).

Molecular Weight: 15.68 kDa. Due to glycosylation, the protein migrates to 18-25 kDa based on Tris-Bis PAGE result.

UniProt: [Q61885](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months
