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Datasheet for ABIN7482371

MOG Protein (Biotin,His-Avi Tag)

Overview

Quantity:	200 µg
Target:	MOG
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOG protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human MOG Protein, His,Avitag™ (MALS verified)
Sequence:	Gly 30 - Gly 154
Characteristics:	Biotinylated Human MOG Protein, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Gly 30 - Gly 154 (Accession # Q16653-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	MOG
Alternative Name:	MOG (MOG Products)
Background:	Myelin oligodendrocyte glycoprotein (MOG), is a single-pass transmembrane glycoprotein of

Target Details

the immunoglobulin (Ig) superfamily. MOG is a myelin protein exclusively expressed in the CNS at the outermost surface of myelin sheaths and oligodendrocyte membranes. This makes MOG a potential target of cellular and humoral immune responses in inflammatory demyelinating diseases. Due to its late postnatal developmental expression, MOG is an important marker for oligodendrocyte maturation.

Molecular Weight: 17.9 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,10xHis , Avi) The protein has a calculated MW of 17.9 kDa. The protein migrates as 23-26 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C