MOG Protein, Mouse (P.pastoris, His)

Cat. No.:	HY-P702767
Synonyms:	Myelin-oligodendrocyte glycoprotein; Mog; MOGIG2
Species:	Mouse
Source:	P. pastoris
Accession:	Q61885 (G29-T156)
Gene ID:	17441
Molecular Weight:	16.1 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	MOG, a minor component of the myelin sheath, plays a potential role in the finalization and/or upkeep of the myelin sheath and contributes to cell-cell communication. Functioning as a homophilic cell adhesion molecule, MOG exhibits the capacity to mediate interactions between cells through homodimerization, highlighting its involvement in establishing cellular connections within the context of myelin-related processes.

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