

## OMGP Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76527
Synonyms:	Oligodendrocyte-myelin glycoprotein; OMG
Species:	Mouse
Source:	HEK293
Accession:	Q63912 (I25-T245)
Gene ID:	18377
Molecular Weight:	Approximately 44 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
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	OMGP Protein, a membrane-associated protein, is involved in regulating axonal growth and neural development. It interacts with Nogo receptors, inhibiting axonal regeneration. OMGP Protein's role in neural plasticity makes it a potential target for therapeutic interventions aimed at promoting nerve regeneration and functional recovery in neurological disorders and injuries.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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