

Oligodendrocyte Myelin Glycoprotein Recombinant Human

Item Number	rAP-3663
Synonyms	Oligodendrocyte-myelin glycoprotein, OMG, OMGP.
Description	OMG Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 401 amino acids (25-418) and having a molecular mass of 45.4kDa (Molecular size on SDS-PAGE will appear at approximately 50-100kDa).OMG is fused to 8 amino acid His-Tag at C-terminus and
Uniprot Accession Number	P23515
Amino Acid Sequence	ICPLQCICTE RHRHVDCSGR NLSTLP SGLQ ENIIHLNLSY NHFTDLHNQL TQYTNLRTL D ISNNRLES LP AHLPRSLWNM SAANNNIKLL DKSDTAYQWN LKYL DVSKNM LEKVVLKNT LRSLEVLNLS SNKLWTVPTN MP SKLHIVDL SNNSLTQILP GTLINLTNLT HLYLHNNKFT FIPDQSFDQL FQLQEITLYN NRWSCDHKQN ITYLLKWMME TKAHVIGTPC STQISSLKEH NMYPTPSGFT SSLFTVSGMQ TVD- TINLSLV VTQPKVTKIP KQYRTKETTF GATLSKDTTF TSTDKAFVPY PEDTSTETIN SHEAAAATLT IH- LQDGMVTN TSLTSSTKSS PTPMTLSITS GMPNNFSEMP QQSTTLNLWR EETTTNVKTP LPSVEHHHHH
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	OMG protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**