9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

OMG Human

Oligodendrocyte Myelin Glycoprotein Recombinant Human
RCP1556

Product Overview

Name	OMG Human
Description	
Oligodendrocyte Myelin Glycoprotein Recombinant Human	
Accession (Primary)	P23515
Synonyms	
Oligodendrocyte-myelin glycoprotein, OMG, OMGP.	
Introduction	
Oligodendrocyte-myelin glycoprotein (OMG) is a cell membrane protein which contains 8 leucine-rich repeats. The OMG protein is expressed on the surface of oligodendrocytes and on large projection neurons, including Purkinje cells of the cerebellum, pyramidal cells of the hippocampus, motoneurons of the brainstem and anterior horn cells of the spinal cord. The neurite outgrowth inhibitory activities of all three myelin-derived proteins are mediated by binding to a joint receptor complex consisting of the Nogo receptor and the p75 neurotrophin receptor.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
OMG protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by analysis by SDS-PAGE.	
Amino acid sequence	
ICPLQCICTE RHRHVDCSGR NLSTLPSGLQ ENIIHLNLSY NHFTDLHNQL TQYTNLRTLD ISNNRLESLP AHLPRSLWNM SAANNNIKLL DKSDTAYQWN LKYLDVSKNM LEKVVLIKNT LRSLEVLNLS SNKLWTVPTN MPSKLHIVDL SNNSLTQILP GTLINLTNLT HLYLHNNKFT FIPDQSFDQL FQLQEITLYN NRWSCDHKQN ITYLLKWMME TKAHVIGTPC STQISSLKEH NMYPTPSGFT SSLFTVSGMQ TVDTINSLSV VTQPKVTKIP	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KQYRTKETTF GATLSKDTTF TSTDKAFVPY PEDTSTETIN SHEAAAATLT IHLQDGMVTN TSLTSSTKSS PTPMTLSITS GMPNNFSEMP QQSTTLNLWR EETTTNVKTP LPS VEHHHHH H .

Precautions

OMG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P23515)