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OMG, 25-418aa, Human, His tag, Baculovirus

产品货号: TP03252

第三版

别名:Oligodendrocyte-myelin glycoprotein, OMG, OMGP, Oligodendrocyte-myelin glycoprotein, Omg, OMGP\_HUMAN.

描述:OMG, also known as oligodendrocyte-myelin glycoprotein, is a cell membrane protein which contains eight leucine-rich repeats. This 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 common receptor complex consisting of the Nogo receptor and the p75 neurotrophin receptor. Recombinant human OMG, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:45.4kDa (401aa), 50-100kDa (SDS-PAGE under reducing conditions)

序列:

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ICPLQCICTERHRHVDCSGRNLSLPSGLQENIIHLNLSYNHFTDLHNQLTQYTNLRTLDISNNRLESLEPAHLPRSLWNMSA  
ANNNIKLLDKSDTAYQWNLKYLVDVSKNMLEKVVLIKNTLRSLVNLSSNKLWTVPTNMPSKLIHVDLSNNSLTQILPGTL  
INLTNLTHLYLHNNKFTFIPDQSFQDLFQLQEITLYNNRWSCDHKQNITYLLKWMETKAHVIGTPCSTQISSLKEHNM  
PTPSGFTSSLFTVSGMQTVDTIINSLSVVTQPKVTKIPKQYRTKETTGFATLSKDTTFTSTDKAFVPYPEDTSTETINSHEAAA  
ATLTIHLQDGMV/TNTSLTSSSTKSSPTPMTLSITSGMPNNFSEMPQQSTTLNLWREETTTNVKTPLPSVEHHHHHHH
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.