Recombinant Human OMG protein, His tagged

Cat. No. OMG-012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OMG, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	25-417aa
Description	Predicted to enable identical protein binding activity. Predicted to be involved in neuron projection regeneration. Predicted to act upstream of or within regulation of collateral sprouting of intact axon in response to injury. Predicted to be located in plasma membrane.
Form	Liquid
AASequence	ICPLQCICTERHRHVDCSGRNLSTLPSGLQENIIHLNLSYNHFTDLHNQLTQYTNLRT LDISNNRLESLPAHLPRSLWNMSAANNNIKLLDKSDTAYQWNLKYLDVSKNMLEKVV LIKNTLRSLEVLNLSSNKLWTVPTNMPSKLHIVDLSNNSLTQILPGTLINLTNLTHLYLH NNKFTFIPDQSFDQLFQLQEITLYNNRWSCDHKQNITYLLKWMMETKAHVIGTPCST QISSLKEHNMYPTPSGFTSSLFTVSGMQTVDTINSLSVVTQPKVTKIPKQYRTKETTF GATLSKDTTFTSTDKAFVPYPEDTSTETINSHEAAAATLTIHLQDGMVTNTSLTSSTK SSPTPMTLSITSGMPNNFSEMPQQSTTLNLWREETTTNVKTPLPS
Molecular Mass	45.4 kDa (401aa)

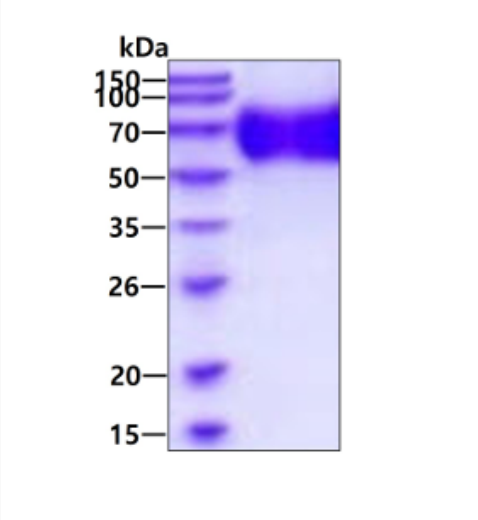
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Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE
Application	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Reference	1. Kottis V., et al. (2002) J Neurochem. 82:1566-1569. 2. Habib AA., et al. (1998) J Neurochem. 70:1704-1711

GENE INFORMATION

Gene Name	OMG oligodendrocyte myelin glycoprotein [Homo sapiens (human)]
Official Symbol	OMG
Synonyms	OMG; oligodendrocyte myelin glycoprotein; OMGP; oligodendrocyte-myelin glycoprotein
Gene ID	4974
mRNA Refseq	NM_002544
Protein Refseq	NP_002535

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MIM	164345
UniProt ID	P23515
SDS-PAGE and WB	

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