

Recombinant Human OMG Protein, His-tagged

Cat. No. OMG-827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OMG protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
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	Lyophilized
Molecular Mass	45.5 kDa
AA Sequence	MEYQILKMSLCLFILLFLTPGILCICPLQCICTERHRHVDCSGRNLSTLPSTGLQENIIHL NLSYNHFTDLHNQLTQYTNLRTLDISNNRLESPLAHLPRSLWNMSAANNNIKLLDKS DTAYQWNLKYLDVSKNMLEKVVLIKNTLSLEVLNLSSNKLWTVPTNMPSKLHIVDL SNNSLTQILPGTLINLTNLTHLYLHNNKFTFIPDQSFQDLFQLQEITLYNNRWSCDHK QNITYLLKWMMETKAHVIGTPCSTQISSLKEHNMYPTPSGFTSSLFTVSGMQTVDTI NSLSVVTQPKVTKIPKQYRTKETTFGATLSKDTTFTSTDKAFVPYPEDTSTETINSHE AAAATLTIHLQDGMVTNTSLTSSTKSSPTPMTLSITSGMPNNFSEMPQQSTTLNLWR EETTTNVKTPLPSVANAWKVNASFLLLLNVVVMLAV
Purity	> 98%

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Applications	Migration Assay; ELISA; FACS; FC;
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

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MIM	164345
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UniProt ID	P23515
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