

Recombinant Human OMG protein, His-tagged

Cat. No. OMG-3823H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OMG protein(P23515-1)(Met1-Pro416), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro416
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human OMGP comprises 403 amino acids and has a predicted molecular mass of 46 kDa. The apparent molecular mass of rh OMGP is approximately 120-130 kDa in SDS-PAGE under reducing conditions due to high glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	OMG oligodendrocyte myelin glycoprotein [Homo sapiens]
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Official Symbol	OMG
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Synonyms	OMG; oligodendrocyte myelin glycoprotein; oligodendrocyte-myelin glycoprotein; OMGP;
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Gene ID	4974
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mRNA Refseq	NM_002544
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Protein Refseq	NP_002535
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MIM	164345
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UniProt ID	P23515
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