Recombinant Human OPCML protein(Met1-Asn322), His-tagged

Cat. No. OPCML-819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPCML precursor (NP_002536.1) (Met 1-Asn 322) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn322
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The mature recombinant human OPCML consists of 306 amino acids and has a calculated molecular mass of 34 kDa. As a result of glycosylation, rhOPCML migrates as an approximately 55-60 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % 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	OPCML opioid binding protein/cell adhesion molecule-like [Homo sapiens]
Official Symbol	OPCML
Synonyms	OPCML; opioid binding protein/cell adhesion molecule-like; opioid binding protein/cell adhesion molecule like; opioid-binding protein/cell adhesion molecule; IgLON family member 1; IGLON1; OBCAM; OPCM; opioid binding protein/cell adhesion molecule-like preprotein;
Gene ID	4978
mRNA Refseq	NM_001012393
Protein Refseq	NP_001012393
MIM	600632
UniProt ID	Q14982

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