

Recombinant Human OPCML Protein, MYC/DDK-tagged

Cat. No. OPCML-294H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human OPCML protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the IgLON subfamily in the immunoglobulin protein superfamily of proteins. The encoded preprotein is proteolytically processed to generate the mature protein. This protein is localized in the plasma membrane and may have an accessory role in opioid receptor function. This gene has an ortholog in rat and bovine. The opioid binding-cell adhesion molecule encoded by the rat gene binds opioid alkaloids in the presence of acidic lipids, exhibits selectivity for mu ligands and acts as a GPI-anchored protein. Since the encoded protein is highly conserved in species during evolution, it may have a fundamental role in mammalian systems. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016].</p>
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	34.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name opioid binding protein/cell adhesion molecule like [Homo sapiens]

Official Symbol OPCML

Synonyms IGLON1; OBCAM; OPCM

Gene ID 4978

mRNA Refseq NM_001012393.1

Protein Refseq NP_001012393.1

MIM 600632

UniProt ID Q14982

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