

OPCML 抗原（重组蛋白）

中文名称： OPCML 抗原（重组蛋白）

英文名称： OPCML Antigen (Recombinant Protein)

别 名： OPCM, OBCAM, IGLON1

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 28-322 amino acids of human OPCML

技术规格

Full name:	opioid binding protein/cell adhesion molecule-like
Synonyms:	OPCM, OBCAM, IGLON1
Swissprot:	Q14982
Gene Accession:	BC117254
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the IgLON subfamily in the immunoglobulin protein superfamily. The encoded 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 its 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. Two transcript variants encoding different isoforms have been found for this gene.