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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

OPCML (Human) Recombinant Protein (P01)

Catalog Number: H00004978-P01

Regulation Status: For research use only (RUO)

Product Description: Human OPCML full-length ORF (AAH74742.1, 1 a.a. - 344 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGVCGYLFLPWKCLVVVSLRLLFLVPTGVPVRSGLAT
FPKAMDNVTVRQGESATLRCTIDDRVTRVAWLNLRSTIL
YAGNDKWSIDPRVILVNTPTQYSIMIQNVVDVYDEGPYT
CSVQTDNHPKTSRVHLIVQVPPQIMNISSDITVNEGSS
VTLLCLAIGRSEPTVTWRHLSVKGGFVSEDEYLEISDI
KRDQSGEYECALNDVAAPDVRKVKITVNYPPYISKAK
NTGVSVGQKGILSCEASAVPMAEFQWFKEETRLATGL
DGMRIENKGRMSTLTFNVSEKDYGNVTCVATNKLGN
TNASITLYGPGAVIDGVNSASRALACLWLSGTLAHHFI
KF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 64.3

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4978

Gene Symbol: OPCML

Gene Alias: IGLON1, OBCAM, OPCM

Gene Summary: 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 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. [provided by RefSeq]