

Recombinant Human ORM2 protein, His-tagged

Cat. No. ORM2-139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ORM2(19-201aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	19-201 a.a.
Description	ORM2, also known as Alpha-1-acid glycoprotein 2, is a key acute phase plasma protein. It belongs to calycin superfamily, lipocalin family. Lipocalins transport small hydrophobic molecules such as steroids, bilins, retinoids, and lipids. This protein functions as transport protein in the blood stream. It is expressed by the liver and secreted in plasma. It seems that ORM2 function in modulating the activity of the immune system during the acute-phase reaction.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	22.7kDa (192aa) 28-40KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPQIPLCAN LVPVPITNAT LDRITGKWFY IASAFRNEEY NKSVMQEIQAT FFYFTPNKTE DTIFLREYQT RQNQCFYNSS YLNVQRENGT VSRYEGRH VAHLLFLRDT KTLMFGSYLD DEKNWGLSFY ADKPETTKEQ LGEFYALDC LCIPRSDVMY TDWKKDKCEP LEKQHEKERK QEEGESHHHH HH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	ORM2 orosomucoid 2 [Homo sapiens]
Official Symbol	ORM2
Synonyms	ORM2; orosomucoid 2; alpha-1-acid glycoprotein 2; AGP B; AGP2; alpha 1 acid glycoprotein; type 2; AGP 2; OMD 2; orosomucoid-2; alpha-1-acid glycoprotein, type 2; AGP-B;
Gene ID	5005
mRNA Refseq	NM_000608
Protein Refseq	NP_000599
MIM	138610
UniProt ID	P19652

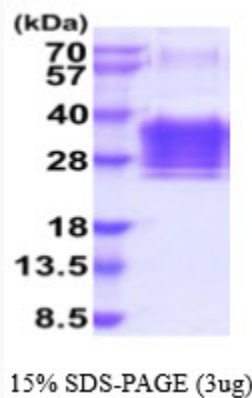
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Chromosome
Location 9q31-qter

Function binding;



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