

## Recombinant Human ORM2 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ORM2(19-201aa) fused with His tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	19-201 a.a.
<b>Description</b>	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.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	22.7kDa (192aa) 28-40KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	ADPQIPLCAN LVPVPITNAT LDRITGKWFY IASAFRNEEY NKSVQEIQAT FFYFTPKNKTE DTIFLREYQT RQNQCFYNSS YLNVQRENGT VSRYEGRH VAHLLFLRDT KTLMFGSYLD DEKNWGLSFY ADKPETTKEQ LGEFYALDC LCIPRSVDMY TDWKKDKCEP LEKQHEKERK QEEGESHHHH HH

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<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Purity</b>	> 90% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.5mg/ml (determined by Absorbance at 280nm)

## GENE INFORMATION

<b>Gene Name</b>	ORM2 orosomuroid 2 [ Homo sapiens ]
<b>Official Symbol</b>	ORM2
<b>Synonyms</b>	ORM2; orosomuroid 2; alpha-1-acid glycoprotein 2; AGP B; AGP2; alpha 1 acid glycoprotein; type 2; AGP 2; OMD 2; orosomuroid-2; alpha-1-acid glycoprotein, type 2; AGP-B;
<b>Gene ID</b>	5005
<b>mRNA Refseq</b>	NM_000608
<b>Protein Refseq</b>	NP_000599
<b>MIM</b>	138610
<b>UniProt ID</b>	P19652

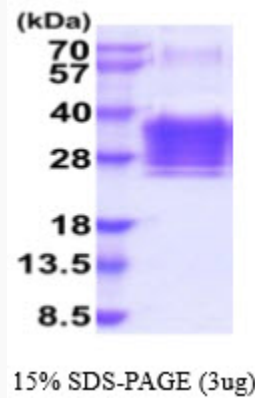
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**Chromosome Location** 9q31-qter

**Function** binding;



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