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## Product Data Sheet

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Product Name: ORM2 Human, sf9  
 Cat. No.: GP24107  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Orosomucoid 2; Alpha-1-Acid Glycoprotein Type 2; OMD 2; AGP2; AGP-B; Type 2;ORM2.		
Amino Acid Sequence	ADPQIPLCAN LVPVPITNAT LDRITGKWFY IASAFRNEEY NKSVMQEIQAT FFYFTPKNKTE DTIFLREYQT RQNQCFYNSS YLNVQRENGT VSRYEGGREH VAHLLFLRDT KTLMFGSYLD DEKNWGLSFY ADKPETTKEQ LGEFYEALDC LCIPRSDVMY TDWKKDKCEP LEKQHEKERK QEEGESHHHH HH.		
Formulation	ORM2 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

ORM2 is a significant acute phase plasma protein. ORM2 is highly expressed as a result of acute inflammation there for it is categorized as an acute-phase reactant.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

ORM2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 192 amino acids (19-201) and having a molecular mass of 22.7kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). ORM2 is fused to 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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