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## Product Data Sheet

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Product Name: ORM2 Human  
 Cat. No.: GP24106  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMQIPLC ANLVPVPITN ATLDRITGKW FYIASAFRNE EYNKSVQEIQ ATFFYFTPNK TEDTIFLREY QTRQNQCFYN SSYLVNQREN GTVSRYEGR EHVALLFLR DTKTLMFGSY LDDEKNWGLS FYADKPETTK EQLGEFYEAL DCLCIPRSV MYTDWKKDKC EPLEKQHEKE RKQEEGES.		
Formulation	The ORM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

### Introduction

ORM2 is a significant acute phase plasma protein. ORM2 is highly expressed as a result of acute inflammation therefore 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 E.coli is a single, non-glycosylated polypeptide chain containing 208 amino acids (19-201) and having a molecular mass of 24.3kDa. ORM2 is fused to a 25 amino acid His-tag at N-terminus.

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

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