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ORM1 Human

Orosomucoid 1 Human
RCP1563

Product Overview

Name	ORM1 Human
Description	
Orosomucoid 1 Human	
Accession (Primary)	P02763
Synonyms	
Orosomucoid 1, ORM, AGP1, OMD 1, AGP-A, alpha-1-acid glycoprotein 1, ORM1.	
Introduction	
The acute phase plasma protein ORM1 synthesized by the liver mediates the interaction between blood cells and endothelial cells. In addition, together with haptoglobin and C reactive protein, ORM1 regulates the extravasation of the cells through infection and inflammation. Expression of ORM1 is induced by acute-phase stimulatory mediators such as bacterial lipopolysaccharides.	
Source	
Human pooled serum.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
ORM1 protein filtered (0.4 µm) and lyophilized in 0.5 mg/ml in 20mM TRIS and 50mM NaCl, pH 7.5.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
QIPLCANLVP VPITNATLDQ ITGKWFYIAS AFRNEEYNKS VQEIQATFFY FTPNKTEDTI FLREYQTRQD QCIYNTTYLN VQRENGTISR YVGGQEHFAH LLILRDTKTY MLAFDVNDEK NWGLSVYADK PETTKEQLGE FYEALDCLRI PKSDVVYTDW KKDKCEPLEK QHEKERKQEE GES.	
Solubility	

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Human Virus Test

Blood samples from each donor have been tested and found negative for HBsAg, anti-HCV, HIV Ag/Ab, and syphilis.

Precautions

ORM1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02763)