

## Orosomucoid 1 Human

<b>Item Number</b>	rAP-3727
<b>Synonyms</b>	Orosomucoid 1, ORM, AGP1, OMD 1, AGP-A, alpha-1-acid glycoprotein 1, ORM1.
<b>Description</b>	The Human Orosomucoid 1 produced from Human pooled serum has a molecular mass of 21.56kDa (calculated without glycosylation) containing 183 amino acid residues.
<b>Uniprot Accesion Number</b>	P02763
<b>Amino Acid Sequence</b>	QIPLCANLVP VPITNATLDQ ITGKWFYIAS AFRNEEYNKS VQEIQATFFY FTPNKTEDTI FLREYQTRQD QCIYNTTYLN VQRENGTISR YVGGQEHFAH LLILRDTKTY MLAFDVNDEK NWGLSVYADK PETTKEQLGE FYEALDCLRI PKSDVVYTDW KKDKCEPLEK QHEKERKQEE GES.
<b>Source</b>	Human pooled serum.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	ORM1 protein filtered (0.4µm) and lyophilized in 0.5 mg/ml in 20mM TRIS and 50mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	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
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**