

## Orosomucoid 1 Human

Item Number	rAP-3727
Synonyms	Orosomucoid 1, ORM, AGP1, OMD 1, AGP-A, alpha-1-acid glycoprotein 1, ORM1.
Description	The Human Orosomucoid 1 produced from Human pooled serum has a molecular mass of 21.56kDa (calculated without glycosylation) containing 183 amino acid residues.
Uniprot Accession Number	P02763
Amino Acid Sequence	QIPLCANLVP VPITNATLDQ ITGKWFYIAS AFRNEEYNKS VQEIQATFFY FTPNKTEDTI FLREYQTRQD QCIYNTTYLN VQRENGTISR YVGGQEHFAH LLILRDTKTY MLAFDVNDEK NWGLSVYADK PETTKEQLGE FYEALDCLRI PKSDVVYTDW KKDKCEPLEK QHEKERKQEE GES.
Source	Human pooled serum.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
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
Biological Activity	
Shipping Format and Condition	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 ender users! This product is sold for **Research Use Only**