

Orosomucoid 1 Human Recombinant

Item Number	rAP-3729
Synonyms	Orosomucoid 1, ORM, AGP1, OMD 1, AGP-A, alpha-1-acid glycoprotein 1.
Description	ORM1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 184 amino acids (19-201) and having a molecular mass of 21.7 kDa. The ORM1 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P02763
Amino Acid Sequence	MQIPLCANLV PVPITNATLD QITGKWFYIA SAFRNEEYNK SVQEIQATFF YFTPNIKTEDT IFLREYQTRQ DQCIYNTTYL NVQRENGTIS RYVGGQEHFA HLLILRDTKT YMLAFDVNDE KNWGLSVYAD KPETTKEQLG EFYEALDCLR IPKSDVVYTD WKKDKCEPLE KQHEKERKQE EGES.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The ORM1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 5% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
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 end users! This product is sold for **Research Use Only**