

ORM, 19-201aa, Human, E.coli

Cat.NO.: TP03257

3th Edition

Synonyms:Alpha-1-acid glycoprotein 1, Orosomucoid-1, ORM, AGP1, AGP-A

Description:Orosomucoid 1, also known as ORM1, is an acute phase plasma protein synthesized by the liver. The protein is believed to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, also regulates the extravasation of the cells during infection and inflammation. Expression of ORM1 is induced by acute-phase stimulatory agents such as bacterial lipopolysaccharides.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol

Molecular Weight:21.7 kDa (184aa)

Sequences:

MQIPLCANLVPVPITNATLDQITGKWFYIASAFRNEEYNKSVQEIQATFFYFTPKNKTEDTIFLREYQTRQDQCIYNTTY
LNVQRENGTISRIVGGQEHFAHLLILRDTKTYMLAFDVNDEKNWGLSVYADKPETTKEQLGEFYALDCLRIPKSDV
VYTDWKKDKCEPLEKQHEKERKQEEGES

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.