

# Recombinant human ORM2 protein

Catalog Number: ATGP2218

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

19-201aa

### UniProt No.

P19652

### NCBI Accession No.

NP\_000599

### Alternative Names

Alpha-1-acid glycoprotein 2, orosomuroid 2, AGP-B, AGP2

## PRODUCT SPECIFICATION

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### Molecular Weight

24.3 kDa (208aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol 0.4M urea

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ORM2 is a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression. Recombinant human ORM2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSQMQLPLC ANLVPVPITN ATLDRITGKW FYIASAFRNE EYNKSVQEIQ ATFFYFTPDK

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TEDTIFLREY QTRQNQCFYN SSYLNQREN GTVSRYEGGR EHVHLLFLR DTKTLMFGSY LDDEKNWGLS FYADKPETTK  
EQLGEFYEAL DCLCIPRSDV MYTDWKKDKC EPLEKQHEKE RKQEEGES

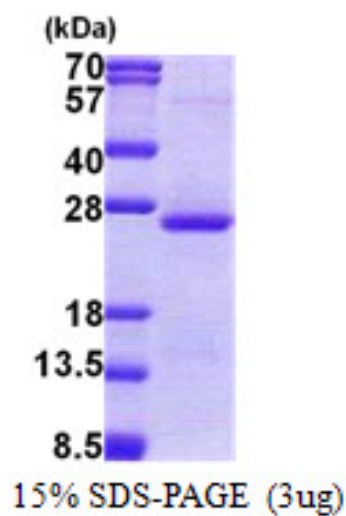
## General References

Nishi K., Ono T. et al. (2011) Chem. 286:14427-14434

Merritt C.M. et al. (1988) Gene 66:97-106

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.