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Recombinant human ORM2 protein

Catalog Number: ATGP2218

PRODUCT INFORMATION

Expression system
E.coli

Domain
19-201aa

UniProt No.
P19652

NCBI Accession No.
NP_000599

Alternative Names
Alpha-1-acid glycoprotein 2, orosomucoid 2, AGP-B, AGP2

PRODUCT SPECIFICATION

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

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 SSGLVPRGSH MGS>HMQIPLC ANLVPVPITN ATLDRITGKW FYIASAFRNE EYNKSVQEIQ ATFFYFTPNK

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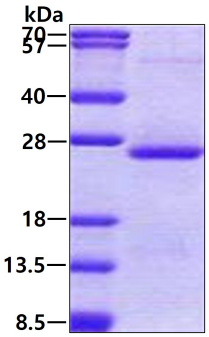
TEDTIFLREY QTRQNQCFYN SSYLNVQREN GTVSRYEGGR EHVAHLLFLR DTKTLMFGSY LDDEKNWGLS FYADKPETTK EQLGEFYEAL DCLCIPRSDV MYTDWKKDKC EPLEKQHEKE RKQEEGES

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.