

Datasheet for ABIN5854831

**Orosomucoid 2 Protein (ORM2) (AA 19-201) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 50 µg  |
| Target:                       | Orosomucoid 2 (ORM2)                                 |
| Protein Characteristics:      | AA 19-201  |
| Origin:                       | Human  |
| Source:                       | Baculovirus infected Insect Cells                    |
| Protein Type:                 | Recombinant  |
| Purification tag / Conjugate: | This Orosomucoid 2 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                                       |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | ADPQIPLCAN LVPVPITNAT LDRITGKWFY IASAFRNEEY NKSVMQEIQAT FFYFTPNKTE<br>DTIFLREYQT RQNQCFYNSS YLNVQRENGT VSRYEGGREH VAHLLFLRDT KTLMFGSYLD<br>DEKNWGLSFY ADKPETTKEQ LGEFYEALDC LCIPRSVDMY TDWKKDKCEP LEKQHEKERK<br>QEEGESHHHH HH |
| Purity:          | > 90 % by SDS - PAGE  |
| Endotoxin Level: | < 1.0 EU per 1 microgram of protein (determined by LAL method)  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Orosomucoid 2 (ORM2)   |
| Alternative Name: | ORM2 ( <a href="#">ORM2 Products</a> )   |
| Background:       | ORM2, also known as Alpha-1-acid glycoprotein 2, is a key acute phase plasma protein. It |

## Target Details

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belongs to calycin superfamily, lipocalin family. Lipocalins transport small hydrophobic molecules such as steroids, bilins, retinoids, and lipids. This protein functions as transport protein in the blood stream. It is expressed by the liver and secreted in plasma. It seems that ORM2 function in modulating the activity of the immune system during the acute-phase reaction. Recombinant human ORM2 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight: 22.7kDa (192aa) 28-40KDa (SDS-PAGE under reducing conditions.)

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NCBI Accession: [NP\\_000599](#)

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UniProt: [P19652](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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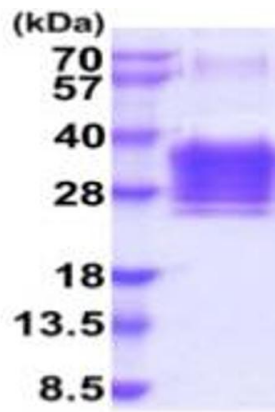
Buffer: Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

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Storage: 4 °C,-20 °C,-80 °C

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



15% SDS-PAGE (3ug)

**SDS-PAGE**

Image 1.