

## Recombinant Human ORM1 protein, His-tagged

**Cat. No.** ORM1-7745H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human ORM1 aa. (Gln19~Ser201) fused with N-terminal His tag was produced in E. coli cells.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Gln19~Ser201  |
| <b>Description</b>      | This gene encodes 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. |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | 23kDa as determined by SDS-PAGE reducing conditions.  |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)  |
| <b>Purity</b>           | >98%  |
| <b>Characteristic</b>   | The isoelectric point is 5.5.   |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |   |
|-----------------------|---|
|                       | Labeling.   |
| <b>Stability</b>      | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.  |
| <b>Concentration</b>  | 200µg/mL  |
| <b>Storage buffer</b> | PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.  |
| <b>Reconstitution</b> | Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.   |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | ORM1 orosomuroid 1 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b> | ORM1  |
| <b>Synonyms</b>        | ORM; AGP1; AGP-A; HEL-S-153w; AGP 1; OMD 1; epididymis secretory sperm binding protein Li 153w; alpha-1-acid glycoprotein 1 |
| <b>Gene ID</b>         | 5004  |
| <b>mRNA Refseq</b>     | NM_000607.2   |
| <b>Protein Refseq</b>  | NP_000598.2   |

 Tel: 1-631-559-9269 1-516-512-3133

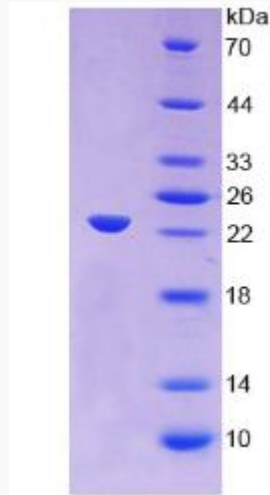
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

P02763

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA