

## Active Recombinant Human LYPD3 Protein, His-tagged

Cat. No. LYPD3-1074H    Lot. No. (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human LYPD3 (Accession # O95274) Leu31-His286, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                           |
| <b>Species</b>              | Human                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>ProteinLength</b>        | Leu31-His286                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | Leu31                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. When rhLYPD3 is immobilized at 0.5 µg/mL (100 µ/well), rhGalectin-3 binds with an apparent KD < 80 nM.                                 |
| <b>Molecular Mass</b>       | Recombinant Human LYPD3, His-tagged has a calculated MW of 27.7 kDa. In SDS-PAGE migrates as 60-75 kDa, reducing conditions.                                                                  |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

 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

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | LYPD3 LY6/PLAUR domain containing 3 [ Homo sapiens ]                                                                                                                                                                                                       |
| <b>Official Symbol</b>     | LYPD3                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>            | LYPD3; LY6/PLAUR domain containing 3; ly6/PLAUR domain-containing protein 3; C4.4A; MIG-C4; 2310061G07Rik; matrigel-induced gene C4 protein; GPI-anchored metastasis-associated protein homolog; GPI-anchored metastasis-associated protein C4.4A homolog; |
| <b>Gene ID</b>             | 27076                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | NM_014400                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_055215                                                                                                                                                                                                                                                  |
| <b>MIM</b>                 | 609484                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | O95274                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 19q13.31                                                                                                                                                                                                                                                   |

 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