

## Recombinant Human LYPD3 protein(Met1-His286), His-tagged

Cat. No. LYPD3-4193H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human LYPD3 (NP_055215.2)(Met 1-His 286) was expressed in HEK293, with a polyhistidine tag at the C-terminus.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Met1-His286   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  |
| <b>Molecular Mass</b>   | The recombinant human LYPD3 consists of 267 amino acids and predicts a molecular mass of 28.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhLYPD3 is approximately 45-60 kDa due to glycosylation.               |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method  |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of  |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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   |

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