Active Recombinant Mouse Lypd3 protein(Met1-His287), His-tagged

Cat. No. Lypd3-191M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LYPD3 (NP_598504.1) (Met 1-His 287) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His287
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind recombinant human Galectin3 in a functional ELISA.
Molecular Mass	The recombinant mouse LYPD3 consists of 266 amino acids and has a predicted molecular mass of 28 kDa. The apparent molecular mass of rmLYPD3 is approximately 55-60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	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

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Lypd3 Ly6/Plaur domain containing 3 [Mus musculus]
Official Symbol	Lypd3
Synonyms	LYPD3; Ly6/Plaur domain containing 3; ly6/PLAUR domain-containing protein 3; GPI-anchored metastasis-associated protein homolog; GPI-anchored metastasis-associated protein C4.4A homolog; C4.4a; 2310061G07Rik;
Gene ID	72434
mRNA Refseq	NM_133743
Protein Refseq	NP_598504

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