

# Human C4.4A/LYPD3 (His Tag) recombinant protein



Catalog Number: 502957

## General Information

### Gene Name Synonym

cDNA PSEC0157 fis, clone PLACE1008238, highly similar to Ly6/PLAUR domain-containing protein 3; cDNA, FLJ95643, Homo sapiens GPI-anchored metastasis-associated protein homolog(C4.4A)

### Protein Construction

A DNA sequence encoding the human LYPD3 (NP\_055215.2) C-terminal segment (Met 1-His 286) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Leu 31

### Molecular Mass

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.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

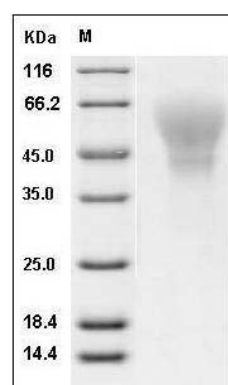
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human C4.4A / LYPD3 Protein (His Tag) SDS-PAGE