

## 32-7440: Recombinant Human Ly6/PLAUR Domain-Containing Protein 3/LYPD3/C4.4A (C-6His)

**Gene :** LYPD3

**Gene ID :** 27076

**Uniprot ID :** O95274

### Description

Source: Human Cells.

MW :27.89kD.

Recombinant Human LYPD3 is produced by our Mammalian expression system and the target gene encoding Leu31-His286 is expressed with a 6His tag at the C-terminus. Ly6/PLAUR domain containing3 (LYPD-3) is a GPI-linked protein. The structure of LYPD-3 is similar to the urokinasetype plasminogen activator receptor (uPAR). LYPD-3 is a 6 -100 kDa molecule with variable cell type-specific N-O-linked glycosylation, mature human LYPD-3 contains two uPAR/Ly6 domains and a Ser/Thr/Pro-rich (STP) region includes a protease sensitive site . The interaction of LYPD-3 with Laminin 1 and 5 on neighboring cells promotes the adhesion, spreading, and migration of tumor cells. LYPD-3 additionally interacts with Galectin-3 and the anterior gradient proteins AG-2 and AG-3. LYPD-3 overexpression in non-small cell lung cancer is predictive of increased mortality.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** LECYSCVQKADDGCSNKMKTVCAPGVDVCTEAVGAVETIHGQFSLAVRGCGSGLPGKNDRLGLDLHGLLAFIQLQQCAQDRCNAKLNLTSLALDPAGNESAYPPNGVECYSCVGLSREACQGTSPPVVSCYNASDHVYKGCDFGNVTLTAANVTVSLPVRGCVQDEFCTRDGVTGPFTLSGSCCQGSRCNSDLRNKTYFSPRIPLVRLPPPEPTTVASTTSVTTSTSAPVRPTSTTKMPAPTSQTPRQGVHVDH HHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.