Product Name: Recombinant Human LYPD3 (C-6His)
Catalog #: PHH1110

Summary

Name	Ly6/PLAUR domain-containing protein 3/C4.4A/LYPD3/MIG-C4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Ly6/PLAUR Domain-Containing Protein 3 is produced by our Mammalian expression system and the target gene encoding Leu31-His286 is expressed with a 6His tag at the C-terminus.
Accession #	O95274
Host	Human Cells
Species	Human
Predicted Molecular Mass	27.89 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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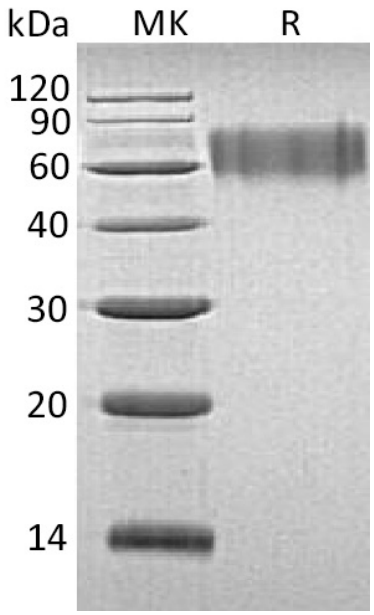

Alternative Names

Ly6/PLAUR Domain-Containing Protein 3; GPI-Anchored Metastasis-Associated Protein C4.4A Homolog; Matrigel-Induced Gene C4 Protein; MIG-C4; LYPD3; C4.4A

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.