

LYPD3/C4.4A Protein, Human (HEK293, His)

Cat. No.:	HY-P70219
Synonyms:	rHuLy6/PLAUR domain-containing protein 3, His; Ly6/PLAUR Domain-Containing Protein 3; GPI-Anchored Metastasis-Associated Protein C4.4A Homolog; Matrigel-Induced Gene C4 Protein; MIG-C4; LYPD3; C4.4A
Species:	Human
Source:	HEK293
Accession:	O95274 (L31-H286)
Gene ID:	27076
Molecular Weight:	55-75 kDa

PROPERTIES

AA Sequence	<pre> L E C Y S C V Q K A D D G C S P N K M K T V K C A P G V D V C T E A V G A V E T I H G Q F S L A V R G C G S G L P G K N D R G L D L H G L L A F I Q L Q Q C A Q D R C N A K L N L T S R A L D P A G N E S A Y P P N G V E C Y S C V G L S R E A C Q G T S P P V V S C Y N A S D H V Y K G C F D G N V T L T A A N V T V S L P V R G C V Q D E F C T R D G V T G P G F T L S G S C C Q G S R C N S D L R N K T Y F S P R I P P L V R L P P P E P T T V A S T T S V T T S T S A P V R P T S T T K P M P A P T S Q T P R Q G V E H </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The LYPD3/C4.4A protein supports cell migration and may play a role in urothelial cell-matrix interactions. It is also implicated in tumor progression and has been shown to bind to laminin-1 and laminin-5. Additionally, it interacts with LGALS3, AGR2, and AGR3, further highlighting its functional associations and potential impact in various biological processes.
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Caution: Product has not been fully validated for medical applications. For research use only.

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