

PIK3IP1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P77139
Synonyms:	Kringle domain-containing protein HGFL; PIK3IP1; HGFL
Species:	Mouse
Source:	HEK293
Accession:	NP_835362.2 (S22-L170)
Gene ID:	216505
Molecular Weight:	Approximately 23 kDa.

PROPERTIES

AA Sequence	<p>S G G C F W D N G H L Y R E D Q P S P A P G L R C L N W L A A Q G S R E S L T E</p> <p>P S P G N H N Y C R N P D Q D P R G P W C Y I S S E T G V P E K R P C E D V S C</p> <p>P E T T S Q A P P P S S A M E L E E K S G A P G D K E A Q V F P P A N A L P A R</p> <p>S E A A E V Q P V I G I S Q L V R M N S K E K K D L G T L</p>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
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.
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	<p>The PIK3IP1 protein is predicted to possess phosphatidylinositol 3-kinase catalytic subunit binding activity. It plays a role in the negative regulation of phosphatidylinositol 3-kinase activity and phosphatidylinositol 3-kinase signaling. This protein is predicted to be located in the plasma membrane and serves as an integral component of the membrane. It is expressed in various structures, including the brain meninges, genitourinary system, heart, lung, and oral epithelium. It is orthologous to human PIK3IP1 (phosphoinositide-3-kinase interacting protein 1). In terms of expression, it has broad expression in thymus adult, testis adult, and 24 other tissues.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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