

IA2 Protein, Human (293a.a, N-His)

Cat. No.:	HY-P70847A
Synonyms:	Receptor-type tyrosine-protein phosphatase-like N; R-PTP-N; Islet cell antigen 512; ICA 512; Islet cell autoantigen 3; PTP IA-2; PTPRN; ICA3; ICA512
Species:	Human
Source:	E. coli
Accession:	Q16849-1 (M687-Q979)
Gene ID:	5798
Molecular Weight:	Approximately 35 kDa

PROPERTIES

AA Sequence	<pre> M D I S T G H M I L A Y M E D H L R N R D R L A K E W Q A L C A Y Q A E P N T C A T A Q G E G N I K K N R H P D F L P Y D H A R I K L K V E S S P S R S D Y I N A S P I I E H D P R M P A Y I A T Q G P L S H T I A D F W Q M V W E S G C T V I V M L T P L V E D G V K Q C D R Y W P D E G A S L Y H V Y E V N L V S E H I W C E D F L V R S F Y L K N V Q T Q E T R T L T Q F H F L S W P A E G T P A S T R P L L D F R R K V N K C Y R G R S C P I I V H C S D G A G R T G T Y I L I D M V L N R M A K G V K E I D I A A T L E H V R D Q R P G L V R S K D Q F E F A L T A V A E E V N A I L K A L P Q </pre>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, pH 7.4.
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. 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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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