

RBP5 Protein, Human

Cat. No.:	HY-P71250
Synonyms:	Retinol-binding protein 5; Cellular retinol-binding protein III; CRBP-III; HRBPiso; RBP5
Species:	Human
Source:	E. coli
Accession:	P82980 (M1-R135)
Gene ID:	83758
Molecular Weight:	Approximately 14.0 kDa

PROPERTIES

AA Sequence	<pre> M P P N L T G Y Y R F V S Q K N M E D Y L Q A L N I S L A V R K I A L L L K P D K E I E H Q G N H M T V R T L S T F R N Y T V Q F D V G V E F E E D L R S V D G R K C Q T I V T W E E E H L V C V Q K G E V P N R G W R H W L E G E M L Y L E L T A R D A V C E Q V F R K V R </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 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 (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	RBP5 is actively involved in the intracellular transport of retinol.
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Caution: Product has not been fully validated for medical applications. For research use only.

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