

RBP4 Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P700437
Synonyms:	retinol-binding protein 4
Species:	Mouse
Source:	HEK293
Accession:	Q00724 (E19-L201)
Gene ID:	19662
Molecular Weight:	50.3 kDa

PROPERTIES

AA Sequence	<pre> ERDCRVSSFR VKENFDKARF SGLWYAI A KK DPEGLFLQDN IIAEFSVDEK GHMSATAKGR VRLLSNWEVC ADMVGTFTDT EDPAKF KMKY WGVASF LQRG NDDHWI I DTD YDTFALQYSC RLQNL DGTCA DSYSFVFSRD PNGLSPE TRR LVRQRQEELC LERQYRWIEH NGYCQSRPSR NSL </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, 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.
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>RBP4 Protein is a crucial retinol-binding protein responsible for transporting retinol in the blood plasma. It plays a vital role in delivering retinol from the liver stores to the peripheral tissues. RBP4 binds to all-trans retinol and transfers it to STRA6, which facilitates the efficient transport of retinol across the cell membrane. Additionally, RBP4 interacts with TTR, preventing its loss through filtration in the kidney glomeruli. Moreover, RBP4 also interacts with STRA6, further contributing to its role in retinol transport.</p>
------------	---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA