

FCRL1 Protein, Mouse (203a.a, HEK293, His)

Cat. No.:	HY-P72656
Synonyms:	Fc receptor-like protein 1; FcRL1; FcRH1; hIFGP1; CD307a; FCRH1; IFGP1; IRTA5
Species:	Mouse
Source:	HEK293
Accession:	BAC30017.1 (A17-S219)
Gene ID:	229499
Molecular Weight:	Approximately 40-54 kDa

PROPERTIES

AA Sequence	<pre> AG I S D V S L K T R P P G G W V M E G D K L V L I C S V D R V T G N I T Y F W Y R G A L G F Q L E T K T Q P S L T A E F E I S D M K Q S D A D Q Y Y C A A N D G H D P I P S E L V S I H V R V P V S R P V L T F G D S G T Q A V L G D L V E L H C K A L R G S P P I F Y Q F Y H E S I I L G N S S A P S G G G A S F N F S L T A E H S G N F S C E A S N G Q G A Q R S E V V A L N L T G L S L V P T E N G I S H L S </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	Fc receptor-like protein 1 (Fcrl1), a cell-surface membrane protein, belongs to FCRL family, and is preferentially expressed on B cells. Fcrl1, a BCR co-receptor, is an activating receptor which can enhance signaling through the B cell receptor. Fcrl1 promotes B cell proliferation and calcium mobilization ^[1] . Fcrl1 is a biomarker and an important therapeutic target in B cell lymphoproliferative disorders ^{[2][3]} .
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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