

Bioactive

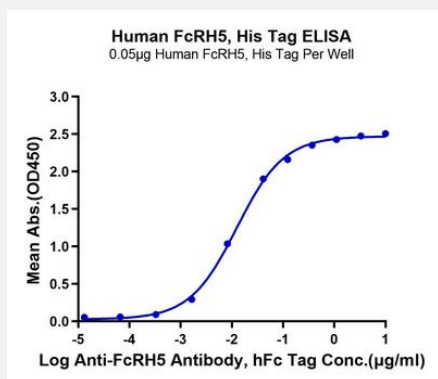
HuPro®

FCRL5 (Human) Recombinant Protein

Catalog # P9707

Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human FcRH5, His Tag at 0.5 ug/mL (100 uL/well) on the plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 12.3 ng/mL determined by ELISA.

SEC-HPLC

The purity of Human FcRH5 is greater than 95% as determined by SEC-HPLC.

Tris-Bis PAGE

Human FcRH5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human FCRL5 (AAK93971, 16 a.a. - 851 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
Sequence	QFARTPRPIIFLQPPWTTVFQGERVLTCKGFRFYSPQKTKWYHRYLGKEILRETPDNILEVQESGE YRCQAQGSPLSSPVHLDFFSSASLILQAPLSVFEGDSVVLRCRAKAEVTLNNTYKNDNVLAFLNKR TDFHIPHACKLDNGAYRCTGYKESCCPVSSNTVKIQVQEPFTRPVLRASSFQPISGNPVTLTCETQ LSLERSDVPLRFRFFRDDQTLGLGWSLSPNFQITAMWSKDSGFYWCKAATMPYSVISDSPRSWI QVQIPASHPVLTLSPEKALNFEGTKVTLHCETQEDSLRTLRYFYHEGVPLRHKSVMRCERGASISFS LTTEHSGNYCTADNGLGAKPSKAVSLSVTVPVSHPVNLSSPEDLIFEGAKVTLHCEAQRGSLPI LYQFHHGGAALERRSANSAGGVAISFSLTAEHSGNYCTADNGFGPQRSAKAVSLSVTVPVSHPV TLSSAEALTFEAGTVTLHCEVQRGSPQILYQFYHEDMPLWSSSTPSVGRVSFSFSLTEGHSGNYY CTADNGFGPQRSEVVSLFVTVPVSRPILTLRVPRAAVVGDLLELHCEAPRGSPPILYWYFHYEDV TLGSSSAPSGGEASFNLSTAEHSGNYSCEANGLVAQHSDTISLVVPVSRPILTRAPRAQAV VGDLLELHCEALRGSSPILYWYFHYEDVTLGKISAPSGGGASFNLSTTEHSGIYSCEADNGLEAQR SEMTLKVAVPVSRPVLTLRPGTHAAVVGDLLELHCEALRGSPILYRFFHYEDVTLGNRSSPSGG ASLNLSLTAEHSGNYSCEADNGLGAQRSETVTLYTGLTANRSGPFATG
Host	Human
Theoretical MW (kDa)	92.38
Form	Lyophilized
Preparation Method	Mammalian cell (Expi293, high-yield transient HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC ₅₀ was 12.3 ng/mL, measured by ELISA at 0.5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human FcRH5 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human FcRH5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Enzyme-linked Immunoabsorbent Assay

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- Functional Study

- SDS-PAGE

Gene Info — FCRL5

Entrez GeneID	83416
Protein Accession#	AAK93971
Gene Name	FCRL5
Gene Alias	BXMAS1, CD307, DKFZp667E2019, DKFZp667F216, FCRH5, FLJ00333, FLJ00397, IRTA2, MGC119590, MGC119592, MGC119593, PRO820
Gene Description	Fc receptor-like 5
Omim ID	605877
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000018869 immunoglobulin superfamily receptor translocation associated 2 (IRTA2)

Disease

- [Kidney Failure](#)
- [Spondylitis](#)