

Recombinant Human FLRT1 Protein

Catalog #	Source	Reactivity	Applications
CRP1571	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human FLRT1 Protein is produced by our mammalian expression system and the target gene encoding Ile21-Pro524 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol FLRT1

Alternative Names Leucine-rich repeat transmembrane protein FLRT1; Fibronectin-like domain-containing leucine-rich transmembrane protein 1

Entrez Gene 23769 (Human)

SwissProt Q9NZU1 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure IDSTTCPSVC RCDNGFIYCN DRGLTSIPAD IPDDATTLYL QNNQINNAGI PQDLKTKVNV QVIYLYENDL DEFPINLPRS LRELHLQDNN VRTIARDSLA RIPLEKLHL DDNSVSTVSI EEDAFADSKQ LKLLFLSRNH LSSIPSGLPH TLEELRLDDN RISTIPLHAF KGLNSLRRLV LDGNLLANQR IADDTFSRLQ NLTELSLVRN SLAAPPLNLP SAHLQKLYLQ DNAISHIPYN TLAKMRELER LDLSNNLTT LPRGLFDDLG NLAQLLLRNN PWFCGCNLMW LRDWVKARAA VVNVRGLMCQ GPEKVRGMAI KDITSEMDEC FETGPQGGVA NAAAKTTASN HASATTPQGS LFTLKAKRPG LRLPDSNIDY PMATGDGAKT LAIHVKALTA DSIRITWKAT LPASSFRLSW LRLGHSPA VG SITETLVQGD KTEYLLTALE PKSTYIICMV TMETS NAYVA DETPVC AKA E TADSYGPTTT LNQE QNAGPM ASLPVDH HHH HH

Quality Control Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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