

Recombinant Full Length Human FLRT1 Protein, GST-tagged

Cat. No. FLRT1-4954HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FLRT1 full-length ORF (AAH18370, 1 a.a. - 674 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	674 amino acids
Description	This gene encodes a member of the fibronectin leucine rich transmembrane protein (FLRT) family. The family members may function in cell adhesion and/or receptor signalling. Their protein structures resemble small leucine-rich proteoglycans found in the extracellular matrix. The encoded protein shares sequence similarity with two other family members, FLRT2 and FLRT3. This gene is expressed in kidney and brain. [provided by RefSeq]
Molecular Mass	99.88 kDa
AA Sequence	MVVAHPTATATTTPTATVTATVVMTTATMDLRDWLFLCYGLIAFLTEVIDSTTCPSVC RCDNGFIYCNDRLTSIPADIPDDATTLYLQNNQINNAGIPQDLKTKVNVQVIYLYEND LDEFPINLPRSLRELHLQDNNVRTIARDSLARIPLLEKLHLDDNSVSTVSIEEDAFADS KQLKLLFLSRNHLSSIPSGLPHTLEELRLDDNRISTIPLHAFKGLNSLRRLVLDGNLLA NQRIADDTFSRLQNLTELSLVRNSLAAPPLNLPSAHLQKLYLQDNAISHIPYNTLAKM RELERLDLSNNLTTLPGRGLFDDLGNLAQLLLRRNPWF CGCNLMWLRDWVKARAA VVNVRGLMCQGPEKVRGMAIKDITSEMDECFETGPQGGVANAAAKTTASNHASATT

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PQGSLFTLKAKRPGLRLPDSNIDYPMATGDGAKTLAIHVKALTADSIRITWKATLPAS
 SFRLSWLRLGHSPAVGSITETLVQGDKTEYLLTALEPKSTYIICMVTMETSNAVVVADE
 TPVCAKAETADSYGPTTTLNQEQNAGPMASLPLAGIIGGAVALVFLFLVLGAICWYVH
 QAGELLTRERAYNRGSRKKDDYMEGSKKDNSILEIRGPGQLQMLPINPYRAKEEYVV
 HTIFPSNGSSLCKATHTIGYGTTTRGYRDGGIPDIDYSYT

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
[FLRT1 fibronectin leucine rich transmembrane protein 1 \[Homo sapiens \]](#)

Official Symbol
[FLRT1](#)

Synonyms
 FLRT1; fibronectin leucine rich transmembrane protein 1; leucine-rich repeat transmembrane protein FLRT1; MGC21624; fibronectin-like domain-containing leucine-rich transmembrane protein 1;

Gene ID
[23769](#)

mRNA Refseq
[NM_013280](#)

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Protein Refseq NP_037412

MIM 604806

UniProt ID Q9NZU1

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