

Recombinant Human FLRT1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. FLRT1-164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FLRT1 MS Standard C13 and N15-labeled recombinant protein (NP_037412) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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, Jul 2008]
Molecular Mass	74.1 kDa
AA Sequence	MVVAHPTATATTTPTATVTATVVMTTATMDLRDWLFLCYGLIAFLTEVIDSTTCPSVC RCDNGFIYCNDRGLTSIPADIPDDATTLYLQNNQINNAGIPQDLKTKVNVQVIYLYEND LDEFPINLPRSLRELHLQDNNVRTIARDSLARIPLEKLHLDDNSVSTV/SIEEDAFADS KQLKLLFLSRNHLSSIPSGLPHTLEELRLDDNRISTIPLHAFKGLNSLRRLVLDGNLLA NQRIADDTFSRLQNLTELSLVRNSLAAPPLNLPSAHLQKLYLQDNAISHIPYNTLAKM RELERLDLSNNLTTLPRLGFDLGNLAQLLLRRNPWF CGCNLMWLRDWVKARAA VVNVRGLMCQGPEKVRGMAIKDITSEMDECFETGPQGGVANAAAKTTASNHASATT

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PQGSLFTLKAKRPGLRLPDSNIDYPMATGDGAKTLAIHVKALTADSIRITWKATLPAS
 SFRLSWLRLGHSPA VGSITETLVQGDKTEYLLTALEPKSTYIICMVTMETS NAYVADE
 TPVCAKAETADSYGPTTTLNQE QNAGPMASLPLAGIIGGAVALVFLFLV LGAICWYVH
 QAGELLTRERAYNRGRSRKKDDYME SGTKKDNSILEIRG PGLQMLPINPYRAKEEYVV
 HTIFPSNGSSLCKATH TIGYG TTRGYR DGGIPDIDYSY TTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FLRT1 fibronectin leucine rich transmembrane protein 1 [Homo sapiens (human)]
Official Symbol	FLRT1
Synonyms	FLRT1; fibronectin leucine rich transmembrane protein 1; SPG68; leucine-rich repeat transmembrane protein FLRT1; fibronectin-like domain-containing leucine-rich transmembrane protein 1
Gene ID	23769
mRNA Refseq	NM_013280

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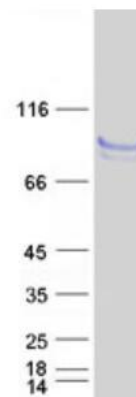
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Protein Refseq NP_037412

MIM 604806

UniProt ID Q9NZU1

SDS-PAGE



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