

Product datasheet for **TP304557L**

FLRT1 (NM_013280) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibronectin leucine rich transmembrane protein 1 (FLRT1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204557 protein sequence Red =Cloning site Green =Tags(s)

MVAHPTATATTTPTATVTATVMTTATMDLRDWFLLCYGLIAFLTEVIDSTTCPSVCRCDNGFIYCNDRLGLTSIPADIPDDATTLYLQNNQINNAGIPQDLKTKVNVQVIYLYENDLDFEPINLPRSLRELHLQDNNVRTIARDSLARIPLEKLHLDDNSVSTVSIIEEDAFADSKQLKLLFLSRNHSSIPSGLPHTLEELRLDDNRISTIPLHAFKGLNSLRRLVLDGNLLANQRIADDTFSRLQNLTELSLVRNSLAAPPLNLP~~SAHL~~QKLYLQDN AISHIPYNTLAKMRELERLDLSNNNLTTLP~~RGLF~~DDLGNLAQLLL~~RNNPWFCGCNLMWLRD~~WVKARAAVNV~~RGLMCQGPEKVRGMAIKDITSEMDECFETGPQGGVANAAKTTASNHASATTPQGS~~FTLKAKRPGLRLPDSNIDYPMATGDGAKTLAIHVKALTADSIRITWKATLPASSFRLSWRLGHSPAVGSITETLVQGDKEYLLTALEPKSTYIICMVTMETSNA~~YVADETPVCAKAETADSYGPTTTLNQE~~QNAGPMASPLAGIIGGAV~~ALVFLFLVLGAICWYVHQAGELLTRERAYNRGRKDDY~~MESGTTK~~DN~~SILEIRGPG~~LQMLPINPYRAK~~EEYVHTIFPSNGSSSLCKATHTIGYGTTRGYRDGGIPDIDYSY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	73.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



[View online »](#)

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_037412](#)

Locus ID: 23769

UniProt ID: [Q9NZU1](#)

RefSeq Size: 3252

Cytogenetics: 11q13.1

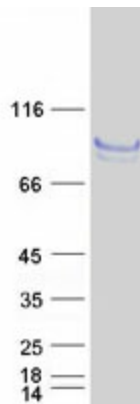
RefSeq ORF: 2022

Synonyms: SPG68

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified FLRT1 protein (Cat# [TP304557]). The protein was produced from HEK293T cells transfected with FLRT1 cDNA clone (Cat# [RC204557]) using MegaTran 2.0 (Cat# [TT210002]).