

## Product datasheet for TP509947

### Flrt1 (NM\_201411) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse fibronectin leucine rich transmembrane protein 1 (Flrt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  
**Species:** Mouse  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >MR209947 representing NM\_201411  
**Red**=Cloning site **Green**=Tags(s)

MVVAHSAATATTTAATVTATVVMTTATMDLRDWLFLCYGLIAFLTEVIDSTTCPSVCRCNDNGFIYCNDR  
GLTSIPSDIPDDATTLYLQNNQINNAGIPQDLKTKVKVQVIYLYENDLDEFINLPRSLRELHLQDNNVR  
TIARDSLARIPLEKLHLDDNSVSTVSIIEEAFADSKQLKLLFLSRNHLSIPSGLPHTLEELRLDDNRI  
STIPLHAFKGLNSLRRLVLDGNLLANQRIADDTFSRLQNLTELSLVRNSLAAPPLNLPSAHLKQLYLQDN  
AISHIPYNTLAKMRELERLDLSNNNLTTLPRLFDLGNLAQLLLRNNPWFCGCNLMWLRDWVRARA  
NVRGLMCQGPEKVRGMAIKDITSEMDECFEAGSQGGAANAAAKTTVSNHASATTPQGSLFTLKAKRPLR  
LPDSNIDYPMATGDGAKTLVIQVKPLTADSIRITWKAMLPASSFRLSWRLGHSPAVGSITETLVQGDKT  
EYLLTALEPKSTYIICMVTMETGNTYVADETPVCAKAETADSYGPTTTLNQEQNAGPMAGLPLAGIIGGA  
VALVFLFLVLGAICWYVHRAGELLTRERVYNRGSRKDDYMEGSKKDNSILEIRGPGQLMPLINPYRSK  
EEYVHTIFPSNGSSSLCKGAHTIGYGTTTRGYREAGIPDVDYSYT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 74.6 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  
**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 after receiving vials.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

RefSeq:	<a href="#">NP_958813</a>
Locus ID:	396184
UniProt ID:	<a href="#">Q6RKD8</a> , <a href="#">A0A452J8F8</a>
RefSeq Size:	5876
Cytogenetics:	19 A
RefSeq ORF:	2022
Synonyms:	AW742165; D630040I23Rik
Summary:	Plays a role in fibroblast growth factor-mediated signaling cascades that lead to the activation of MAP kinases (PubMed:16872596, PubMed:20421966). Promotes neurite outgrowth via FGFR1-mediated activation of downstream MAP kinases. Promotes an increase both in neurite number and in neurite length (PubMed:20421966). May play a role in cell-cell adhesion and cell guidance via its interaction with ADGRL1/LPHN1 and ADGRL3 (PubMed:22405201). [UniProtKB/Swiss-Prot Function]