

## Product datasheet for PH304557

### FLRT1 (NM\_013280) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FLRT1 MS Standard C13 and N15-labeled recombinant protein (NP_037412)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204557
Predicted MW:	74.1 kDa
Protein Sequence:	>RC204557 protein sequence Red=Cloning site Green=Tags(s)

MVVAHPTATATTTPTATVATVMTTATMDLRDWLFLCYGLIAFLTEVIDSTTCPSVCRCDNGFIYCNDRL  
GLTSIPADIPDDATTLYLQNNQINNAGIPQDLKTKVNVQVIYLYENDLDEFINLPRSLRELHLQDNNVR  
TIARDSLARIPLLEKHLDDNSVSTVSIIEEDAFADSKQLKLLFLSRNHLSSIPSGLPHTLEELRLDDNRI  
STIPLHAFKGLNSLRRLVLDGNLLANQRIADDTFSRLQNLTELSLVRNSLAAPPLNLP SAHLQKLYLQDN  
AISHIPYNTLAKMRELERLDL SNNL T T L P R G L F D D L G N L A Q L L L R N N P W F C G C N L M W L R D W V K A R A A V V  
NVRGLMCQGPEKVRGMAIKDITSEMDEFETGPQGGVANAAAKTTASNHASATTPQGSFLTAKKRPGLR  
LPDSNIDYPMATGDGAKTLAIHVKALTADSIRITWKATLPASSFRLSWLRLGHSPAVGSITETLVQGDKT  
EYLLTALEPKSTYIICVMTMETSNAVVADETPVCAKAETADSYGPTTTLNQEQNAGPMASPLAGIIGGA  
VALVFLFLVVLGAICWYVHQAGELLTRERAYNRGSRKKDDYMESGTKKDNSILEIRGPGQLMPLINPYRAK  
EYVYVHTIFPSNGSSLCKATHTIGYGTTRGYRDGGIPDIDYSY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_037412</a>
RefSeq Size:	3252



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RefSeq ORF: 2022

Synonyms: SPG68

Locus ID: 23769

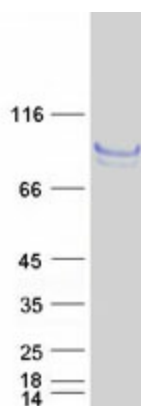
UniProt ID: [Q9NZU1](#)

Cytogenetics: 11q13.1

**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]).