

# Product datasheet for TP720303XL

## FLRT2 (NM\_013231) Human Recombinant Protein

### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fibronectin leucine rich transmembrane protein 2 (FLRT2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Cys36-Ser539
Tag:	C-His
Predicted MW:	57.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 037363</u>
Locus ID:	23768
UniProt ID:	<u>O43155</u>
Cytogenetics:	14q31.3



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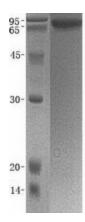
#### **GRIGENE** FLRT2 (NM\_013231) Human Recombinant Protein – TP720303XL

Summary:This gene encodes a member of the fibronectin leucine rich transmembrane (FLRT) family of<br/>cell adhesion molecules, which regulate early embryonic vascular and neural development.<br/>The encoded type I transmembrane protein has an extracellular region consisting of an N-<br/>terminal leucine-rich repeat domain and a type 3 fibronectin domain, followed by a<br/>transmembrane domain and a short C-terminal cytoplasmic tail domain. It functions as both<br/>a homophilic cell adhesion molecule and a heterophilic chemorepellent through its<br/>interaction with members of the uncoordinated-5 receptor family. Proteolytic removal of the<br/>extracellular region controls the migration of neurons in the developing cortex. Alternative<br/>splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]

Protein Families:

Druggable Genome, Transmembrane

### **Product images:**



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