

## Datasheet for ABIN7319323 **FLRT2 Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	FLRT2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLRT2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human FLRT2 Protein (His Tag)
Sequence:	Cys36-Ser539
Characteristics:	Recombinant Human Fibronectin Leucine Rich Transmembrane Protein 2 is produced by our Mammalian expression system and the target gene encoding Cys36-Ser539 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	FLRT2
Alternative Name:	FLRT2 ( <a href="#">FLRT2 Products</a> )
Background:	Background: Fibronectin Leucine Rich Transmembrane protein 2 (FLRT2) is a member of the fibronectin leucine rich transmembrane protein (FLRT) family. The three fibronectin leucine-rich

## Target Details

repeat transmembrane (FLRT) proteins: FLRT1, FLRT2 and FLRT3, all contain 10 leucine-rich repeats (LRR), a type III fibronectin (FN) domain, followed by the transmembrane region, and a short cytoplasmic tail. FLRT proteins have dual properties as regulators of cell adhesion and potentiators of fibroblast growth factor (FGF) mediated signalling. The fibronectin domain of all three FLRTs can bind FGF receptors. This binding is thought to regulate FGF signaling during development. The LRR domains are responsible for both the localization of FLRTs in areas of cell contact and homotypic cell cell association. FLRT2 is expressed in a subset of the sclerotome, adjacent to the region that forms the syndetome, suggesting its involvement in the FGF signalling pathway.

Synonym: Leucine-Rich Repeat Transmembrane Protein FLRT2, Fibronectin-Like Domain-Containing Leucine-Rich Transmembrane Protein 2, FLRT2, KIAA0405

Molecular Weight: 57.3 kDa

UniProt: [O43155](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.