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Datasheet for ABIN1691343

FLRT3 Protein (AA 29-528) (His tag)

Overview

Quantity:	50 µg
Target:	FLRT3
Protein Characteristics:	AA 29-528
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLRT3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Leucine-Rich Repeat Transmembrane Protein FLRT3/FLRT3 (C-6His)
Sequence:	<p>KSCPSVCRCD AGFIYCND RF LTSIPTGIPE DATTLYLQNN QINNAGIPSD LKNLLKVERI YLYHNSLDEF PTNLPKYVKE LHLQENNIRT ITYDSLSKIP YLEELHLDDN SVSAVSIEEG AFRDSNYLRL LFLSRNHLST IPWGLPRTIE ELRLDDNRIS TISSPSLQGL TSLKRLVLDG NLLNNHGLGD KVFFNLVNLT ELSLVRNSLT AAPVNLPGTN LRKLYLQDNH INRVPPNAFS YLRQLYRLDM SNNNLSNLPQ GIFDDLDNIT QLILRNNPWY CGCKMKWVRD WLQSLPVKVN VRGLMCQAPE KVRGMAIKDL NAE LFDCKDS GIVSTIQITT AIPNTVYPAQ GQWPAPVTKQ PDIKNPKLTK DHQTTGSPSR KTITITVKS V TSDTIHISWK LALPMTALRL SWLKLGHSPA FGSITETIVT GERSEYLVTA LEPDSPYKVC MVPMETSNLY LFDETPVCIE TETAPLRMYN PTTTLNREQE KEPYKNPNLP VDH HHHHHH</p>
Characteristics:	Recombinant Human Leucine-Rich Repeat Transmembrane Protein FLRT3/FLRT3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Lys29-Pro528) of Human FLRT3 fused with a polyhistidine tag at the C-terminus.

Product Details

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	FLRT3
Alternative Name:	FLRT3 (FLRT3 Products)
Sub Type:	Fusionprotein
Background:	<p>Leucine-Rich Repeat Transmembrane Protein FLRT3 (FLRT3) is a member of the fibronectin leucine rich transmembrane protein (FLRT) family. Proteins in this family play an role in cell adhesion and/or receptor signalling. FLRT3 is a single-pass type I membrane protein and contains one fibronectin type-III domain, ten LRR (leucine-rich) repeats, one LRRCT domain, and one LRRNT domain. FLRT3 may have a function in cell adhesion and/or receptor signaling. FLRT3 may regulate cellular adhesion between the epithelial apical ridge and the underlying mesenchyme and in establishing the dorso-ventral position of the ridge.</p> <p>Alternative Names: Leucine-Rich Repeat Transmembrane Protein FLRT3, Fibronectin-Like Domain-Containing Leucine-Rich Transmembrane Protein 3, FLRT3, KIAA1469</p>
Molecular Weight:	57.8 kDa
UniProt:	Q9NZU0

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C

Handling

Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months
