

Datasheet for ABIN7596205  
**FLRT3 Protein (AA 29-528) (His tag)**



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## Overview

Quantity:	250 µg
Target:	FLRT3
Protein Characteristics:	AA 29-528
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FLRT3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

## Product Details

Sequence:	<p>KSCPSVCRCD AGFIYCNDRF LTSIPTGIPE DATTLYLQNN QINNAGIPSD LKNLLKVERI</p> <p>LYYHNSLDEF PTNLPKYVKE LHLQENNIRT ITYDSLSKIP YLEELHLDDN SVSAVSIEEG</p> <p>AFRDSNYLRL LFLSRNHLST IPWGLPRTIE ELRLDDNRIS TISSPSLQGL TSLKRLVLDG</p> <p>NLLNNHGLGD KVFFNLVNLT ELSLVRNSLT AAPVNLPGTN LRKLYLQDNH INRVPPNAFS</p> <p>YLRQLYRLDM SNNNLSNLPQ GIFDDLDNIT QLILRNNPWY CGCKMKWVRD WLQSLPVKVN</p> <p>VRGLMCQAPE KVRGMAIKDL NAEJFDCKDS GIVSTIQITT AIPNTVYPAQ GQWPAPVTKQ</p> <p>PDIKNPCLTK DHQTTGSPSR KTITITVKS SVTSDTIHISWK LALPMTALRL SWLKLGHSPA</p> <p>FGSITETIVT GERSEYLVTA LEPDSPYKVC MVPMETSNLY LFDETPVCIE TETAPLRMYN</p> <p>PTTTLNREQE KEPYKNPNLP</p>
Purity:	> 95% by SDS-PAGE

## Product Details

Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of Neuro-2a neuroblast cells. When cells are added to human FLRT3 coated plates 5 ug/ml. This effect is more to 40%.

## Target Details

Target:	FLRT3
Alternative Name:	FLRT3 ( <a href="#">FLRT3 Products</a> )
Background:	<p>FLRT3, also known as leucine-rich repeat transmembrane protein, is a member of the fibronectin leucine rich transmembrane protein (FLRT) family. It contains 10 N-terminal leucine-rich repeats flanked by cysteine-rich areas, and a juxtamembrane fibronectin type III domain. And It expressed in kidney, brain, pancreas, skeletal muscle, lung, liver, placenta, and heart. The members of the FLRT family may have a function in cell adhesion and/or receptor signaling. The fibronectin domain is responsible for binding to FGF receptors, and is thought to regulate FGF signaling during development. The LRR domains are responsible for both the localization in areas of cell contact and homotypic cell-cell association. Also, It may have a crucial role in regulating cellular adhesion between the epithelial apical ridge and the underlying mesenchyme and in establishing the dorso-ventral position of the ridge. Recombinant human FLRT3, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	57.3 kDa (506aa)
NCBI Accession:	<a href="#">NP_037413</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C

## Handling

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Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.