

# Recombinant Human FLRT3 Protein (His Tag)

Catalog Number:PKSH033675



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

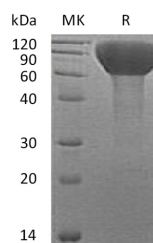
## Description

<b>Synonyms</b>	Leucine-Rich Repeat Transmembrane Protein FLRT3;Fibronectin-Like Domain-Containing Leucine-Rich Transmembrane Protein 3;FLRT3;KIAA1469;HH21
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Lys29-Pro528
<b>Accession</b>	Q9NZU0
<b>Calculated Molecular Weight</b>	57.6 kDa
<b>Observed molecular weight</b>	60-110 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Leucine-Rich Repeat Transmembrane Protein FLRT3 (FLRT3) is a member of the fibronectin leucine rich transmembrane protein (FLRT) family. Proteins in this family play a 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 signalling. FLRT3 may regulate cellular adhesion between the epithelial apical ridge and the underlying mesenchyme and in establishing the dorso-ventral position of the ridge.

## For Research Use Only

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