

Active Recombinant Human FLRT3 Protein (29-528aa), C-His tagged

Cat. No. FLRT3-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FLRT3 (29-528aa), fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
ProteinLength	29-528aa
Description	Functions in cell-cell adhesion, cell migration and axon guidance, exerting an attractive or repulsive role depending on its interaction partners. Plays a role in the spatial organization of brain neurons. Plays a role in vascular development in the retina.
Form	Liquid
Bio-activity	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 µg/mL. This effect is more to 40%.
Molecular Mass	57.3 kDa (506aa)
AA Sequence	KSCPSVCRCDAGFIYCNDRFLTSIPTGIPEDATTLYLQNNQINNAGIPSDLKNULLKVER

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IYLYHNSLDEFPTNLPKYVKELHLQENNIRTITYDSLSKIPYLEELHLDDNSVSAVSIEE
 GAFRDSNYLRLLFLSRNHLSTIPWGLPRTIEELRLDDNRISTISSPSLQGLTSLKRLVL
 DGNLLNNHGLGDKVFFNLVNLTELSLVRNSLTAAPVNLPGTNLRKLYLQDNHINRVP
 PNAFSYLRQLYRLDMSNNNLSNLPQGIFDDLNITQLILRNNPWYCGCKMKWVRDW
 LQSLPVKVNVRGLMCAPEKVRGMAIKDLNAELFDCCKDSGIVSTIQITTAIPNTVYPA
 QGQWPAPVTKQPDIKNPKLTKDHQTTGSPSRKTITITVKSVTSDTIHISWKLALPMTA
 LRLSWLKLGHSPAFGSITETIVTGERSEYLVTALEPDSPYKVCMPMETSPLYLFDDET
 PVCJETETAPLRMYNPTTTLNREQEKEPYKNPNLP< HHHHHH>

Endotoxin < 1.0 EU/μg of the protein by the LAL method.

Purity > 95% by SDS-PAGE

Applications SDS-PAGE, Bioactivity

Notes For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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

Concentration 0.25 mg/mL (determined by absorbance at 280nm)

Storage Buffer Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name FLRT3 fibronectin leucine rich transmembrane protein 3 [Homo sapiens (human)]

Official Symbol FLRT3

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Synonyms FLRT3; fibronectin leucine rich transmembrane protein 3; leucine-rich repeat transmembrane protein FLRT3; fibronectin-like domain-containing leucine-rich transmembrane protein 3;

Gene ID [23767](#)

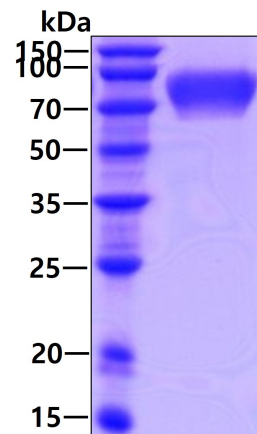
mRNA Refseq [NM_013281](#)

Protein Refseq [NP_037413](#)

MIM [604808](#)

UniProt ID [Q9NZU0](#)

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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