

Recombinant Human FLRT1 protein ab151663

| 描述 | |
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| 产品名称 | 重组人FLRT1蛋白 |
| 纯度 | > 95 % SDS-PAGE. |
| 内毒素水平 | < 1.000 Eu/μg |
| 表达系统 | HEK 293 cells |
| Accession | <u>Q9NZU1</u> |
| 蛋白长度 | Protein fragment |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | IDSTTCPSVCRCDNGFIYCNDRGLTSIPADIPDDATTLYLQN NQINNAGI PQDLKTKVNVQVIYLYENDLDEFPINLPRSLRELHLQDNNVR TIARDSLA RIPLLEKLHLDNSVSTVSIEEDAFADSKQLKLLFLSRNHLS SIPSGLP TLEELRLDDNRISTIPLHAFKGLNSLRRLVLDGNLLANQRIA DDTFSRLQ NLTELSLVRNSLAAPPLNLPSAHLQKLYLQDNAISHIPYNTL AKMRELER LDLSNNNLTTLPRLGFDLGNLAQLLLRNNPWFCGCNLMWLR DWVKARAA VVNVRGLMCQGPEKVRGMAIKDITSEMDECFETGPQGGVANA AAKTTASN HASATTPQGSLFTLKAKRPGLRLPDSNIDYPMATGDGAKTLA IHKALTA DSIRITWKATLPASSFRLSWLRLGHSPAVGSITETLVQGDKT EYLLTALE PKSTYIICMVTMETSNAYYVADETPVCAKAETADSYGPTTTLN QEQNAGPM ASLP |
| 氨基酸 | 21 to 524 |
| 标签 | His tag C-Terminus |

Our **Abpromise guarantee** covers the use of **ab151663** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| 应用 | SDS-PAGE HPLC |
| 形式 | Lyophilized |
| 补充说明 | 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. |

制备和贮存

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| 稳定性和存储 | Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. Avoid freeze / thaw cycle. Please see notes section. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride |
| 复溶 | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

常规信息

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| 功能 | Plays a role in fibroblast growth factor-mediated signaling cascades that lead to the activation of MAP kinases. Promotes neurite outgrowth via FGFR1-mediated activation of downstream MAP kinases. Promotes an increase both in neurite number and in neurite length. May play a role in cell-cell adhesion and cell guidance via its interaction with ADGRL1/LPHN1 and ADGRL3. |
| 组织特异性 | Expressed in kidney and brain. |
| 序列相似性 | Contains 1 fibronectin type-III domain. Contains 10 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain. |
| 翻译后修饰 | N-glycosylated. Phosphorylated in response to FGFR1 signaling, but is not a direct substrate of FGFR1 or SRC. A mutant where the Tyr phosphorylation sites have been replaced by Phe displays constitutive FGFR1-dependent activation of downstream MAP kinases. Proteolytic cleavage in the juxtamembrane region gives rise to a soluble ectodomain. |
| 细胞定位 | Cell membrane. Endoplasmic reticulum membrane. Cytoplasmic vesicle membrane. Cytoplasm, perinuclear region. Cell junction, focal adhesion. Secreted. Cell projection. Cell junction. In addition to its location at the cell membrane, colocalizes with FGFR1 in punctate perinuclear cytoplasmic vesicles. Detected along neurites and at contacts between neurite termini and other cells. Proteolytic cleavage gives rise to a shedded ectodomain. |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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