

Recombinant Human FLRT1 protein ab151663

製品の詳細

製品名	Recombinant Human FLRT1 protein
精製度	> 95 % SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	HEK 293 cells
アクセッション番号	<u>Q9NZU1</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	IDSTTCPSVCRCDNGFIYCNDRGLTSIPADIPDDATTLYLQN NQINNAGI PQDLKTKVNVQVIYLYENDLDEFPINLPRSLRELHLQDNNVR TIARDSLA RIPLLEKLHLDNSVSTVSIEEDAFADSKQLKLLFLSRNHLS SIPSGLP TLEELRLDDNRISTIPLHAFKGLNSLRRLVLDGNLLANQRIA DDTFSRLQ NLTELSLVRNSLAAPPLNLPSAHLQKLYLQDNAISHIPYNTL AKMRELER LDLSNNNLTTLPRLFDLGNLAQLLLRNNPWFCGCNLMWLR DWVKARAA VVNVRLMCQGPEKVRGMAIKDITSEMDECFETGPQGGVANA AAKTTASN HASATTPQGSLFTLKAKRPGLRLPDSNIDYPMATGDGAKTLA IHVKALTA DSIRITWKATLPASSFRLSWRLRGHSPAVGSITETLVQGDKT EYLLTALE PKSTYIICMVTMETSNAVVADETPVCAKAETADSYGPTTTLN QEQNAGPM ASLP
領域	21 to 524
タグ	His tag C-Terminus

特性

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.

アプリケーション	SDS-PAGE HPLC
製品の状態	Lyophilized
備考	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.
前処理および保存	
保存方法および安定性	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
再構成	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.
関連情報	
機能	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.
組織特異性	Expressed in kidney and brain.
配列類似性	Contains 1 fibronectin type-III domain. Contains 10 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
翻訳後修飾	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 A mutant where the Tyr phosphorylation sites have been replaced by Phe displays constitutive FGFR1-dependent activation of downstream MAP kinases.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.
細胞内局在	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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