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Fibronectin leucine rich transmembrane protein 3, 29-528aa, Human, His tag, Insect cell

产品货号: TP02130

第三版

别名: FLRT3, HH21

描述: FLRT3, also known as leucine-rich repeat transmembrane protein FLRT3, belongs to the fibronectin leucine rich transmembrane protein (FLRT) family. It contains one fibronectin type-III domain and ten LRR (leucine-rich) repeats and 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. It has been implicated in neurite outgrowth after nerve damage, as a positive regulator of FGF signalling and in homotypic cell adhesion. 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 insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 57.6kDa (508aa) 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

KSCPSVCRCDAGFIYCNDRFLTSIPTGIPEDATTLYLQNNQINNAGIPSDLKNNLLKVERIYLYHNSLDEFPTNLPKYVKELHL
QENNIRTITYDSLKIPYLEELHLDDNSVSAVSIEEGAFRDSNYLRLLFLSRNHLSTIPWGLPRTIEELRLDDNRISTISSPSLQGL
TSLKRLVLDGNLLNNHGLGDKVFFNLVNLTELSLVRNSLTAAPVNLPGTNLRKLYLQDNHINRVPPNAFSYLRQLYRLDMS
NNNLSNLPQGIFDDLNDITQLILRNNPWYCGCKMKWVRDWLQSLPVKVNVRGLMCQAPEKVRGMAIKDLNAELFDCK
DSGIVSTIQITTAIPNTVYPAQQQWPAPVTKQPDIKNPKLTKDHQTTGSPSRKTITITVKSVTSDTIHISWKLALPMTALRLS
WLKLGHSAPFGSITETIVTGERSEYLVTALEPDSYKVCMPMETSNLYLFDETPVCLETETAPLRMYNPTTTLNREQEKEPY
KNPNLPLEHHHHHHH

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.