

Recombinant human FLRT2 protein

Catalog Number: ATGP3291

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

36-541aa

UniProt No.

O43155

NCBI Accession No.

NP_037363

Alternative Names

FLRT2

PRODUCT SPECIFICATION

Molecular Weight

57.5 kDa (514aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

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

BACKGROUND

Description

FLRT2, also known as leucine-rich repeat transmembrane protein FLRT2, is one of three FLRT (fibronectin, leucine rich repeat, transmembrane) glycoproteins expressed in distinct areas of the developing brain and other tissues. Human FLRT1 and FLRT3 ECDs (extracellular domain) share approximately 47% aa identity with FLRT2. The fibronectin domain of all three FLRTs can bind to FGF receptors. Recombinant human FLRT2, fused to His-tag

Recombinant human FLRT2 protein

Catalog Number: ATGP3291

at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

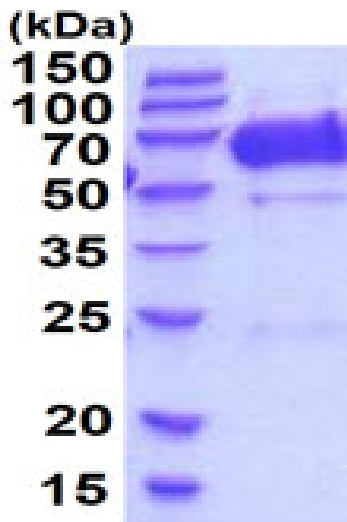
CPSVCRCDRN FVYCNERSLT SVPLGIPEGV TVLYLHNNQI NNAGFPAELH NVQSVHTVYL YGNQLDEFPM NLPKNVRVLH
LQENNIQTIS RAALAQLLKL EELHLDDNSI STVGVEDGAF REAISLKLFL LSKNHLSSVP VGLPVDLQEL RVDENRIAVI
SDMAFQNLTS LERLIVDGNL LTNKGIAEGT FSHLTKLKEF SIVRNSLSHP PPDLPGTHLI RLYLQDNQIN HIPLTAFSNL
RKLERLDISN NQLRMLTQGV FDNLSNLKQL TARNNPWFCD CSIKWVTEWL KYIPSSLNVR GFMCQGPEQV RGMVAVRELM
NLLSCTTTTP GLPLFTPAPS TASPTTQPPT LSIPNPSRSY TPPTPTTSKL PTIPDWDGRE RVTPPISERI QLSIHFVNDT
SIQVSWLSLF TVMAYKLTWV KMGHSLVGGI VQERIVSGEK QHLSLVNLEP RSTYRICLVP LDAFNRYRAVE DTICSEATTH
ASYLNNGSNT ASSHEQTTSH SMGSPFLEHH HHHH

General References

Haines B.P., et al. (2006) Dev. Biol. 297:14-25.
Lacy S.E., et al. (1999) Genomics. 62:417-426.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)