

Product datasheet for PH310404

Proteinase Activated Receptor 4 (F2RL3) (NM_003950) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	F2RL3 MS Standard C13 and N15-labeled recombinant protein (NP_003941)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210404
Predicted MW:	41.13 kDa
Protein Sequence:	>RC210404 representing NM_003950 Red =Cloning site Green =Tags(s)

MWGRLLLVPLVLFSLSGGTQTPSVYDESGSTGGDDSTPSILPAPRGYPGQVCANDSDTLELPDSSRAL
 LLGWVPTRLVPALYGLVVLVGLPANGALWVLATQAPRLPSTMLLMNLAADLLALALPPRIAYHLRGQ
 RWPFGEAACRLATAALYGHMYGSVLLAAVSLDRYLALVHPLRARALRGRRALGLCMAAWLMAAALALP
 LTLQRQTFRLARSDRVLCHDALPLDAQASHWQPAFTCLALLGCFLPLLAMLLCYGATLHTLAASGRRYGH
 ALRLTAVVLASAVAFFVPSNLLLLLHSDPSPSAWGNLYGAYVPSLALSTLNSCVDPFIIYYVSAEFRDK
 VRAGLFQRSPGDTVASKASAEGGSRGMGTHSSLLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003941</u>
RefSeq Size:	2731
RefSeq ORF:	1155
Synonyms:	PAR4
Locus ID:	9002


[View online »](#)

UniProt ID: [Q96RI0](#)

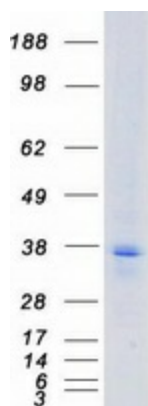
Cytogenetics: 19p13.11

Summary: This gene encodes a member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This receptor plays a role in blood coagulation, inflammation and response to pain. Hypomethylation at this gene may be associated with lung cancer in human patients. [provided by RefSeq, Sep 2016]

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Coomassie blue staining of purified F2RL3 protein (Cat# [TP310404]). The protein was produced from HEK293T cells transfected with F2RL3 cDNA clone (Cat# [RC210404]) using MegaTran 2.0 (Cat# [TT210002]).