

RPA127Hu01 10µg
Recombinant Protease Activated Receptor 4 (PAR4)
Organism Species: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Gly48~Gln385

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Lung Cancer, Pancreas Cancer, Testis.

Subcellular Location: Cell membrane; Multi-pass membrane protein.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.6

Predicted Molecular Mass: 66.3kDa

Accurate Molecular Mass: 66kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

GYP

GQVCANDSDT	LELPDSSRAL	LLGMVPTRLV	PALYGLVLVV	GLPANGLALW
VLATQAPRLP	STMLLMNLAA	ADLLLALALP	PRIAYHLRGQ	RWPFGEAACR
LATAALYGHM	YGSVLLLLAAV	SLDRYLALVH	PLRARALRGR	RLALGLCMAA
WLMAAALALP	LTLQRQTFR	ARSDRVLCHD	ALPLDAQASH	WQPAFTCLAL
LGCFLPLLAM	LLCYGATLHT	LAASGRRYGH	ALRLTAVVLA	SAVAFFVPSN
LLLLLHYSDP	SPSANGNLYG	AYVPSLALST	LNSCVDPFYI	YYVSAEFRDK
VRAGLFQRSP	GDTVASKASA	EGGSRGMGTH	SSLLQ	

[IDENTIFICATION]

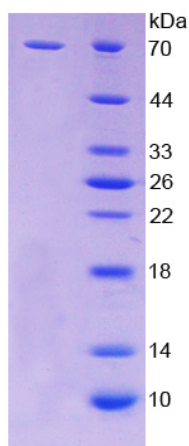


Figure 1. SDS-PAGE