

Protease Activated Receptor 4 Recombinant Protein | PAR4 recombinant protein

Recombinant Protease Activated Receptor 4 (PAR4)

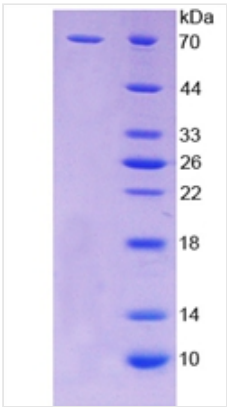
CATALOG # AAA144482	HOST E. coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Protease Activated Receptor 4; Recombinant Protease Activated Receptor 4 (PAR4); PAR4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>98%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for PAR4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
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
Traits	Freeze-dried powder
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.
Preparation and Storage	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

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GOVCANDSDT LELPDSSRAL LLGMVPTRLV PALYGLVLVV GLPANGALAN GYP
VLATQAPRLP STMLLMNLAA ADLLALALP PRIAYHLRGQ RHPFGEAACR
LATAALYGHM YGSVLLLAAY SLDRYLALVH PLRPARLRGR RLALGLCMAY
MLMAAALALP LTLQRQTFRL ARSDRVLCND ALPLDAQASH WQPAFTCLAL
LGCFLPLLAM LLCYGATLHT LAASGRRYGH ALRLTAVVLA SAVAFFVPSN
LLLLLHYSDP SPSANGNLYG AYVPSLALST LNSCVDPFIY YYVSAEFRDK
VRAGLFQRSP GDTVASKASA EGGSRGWGTH SSSLQ
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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	89353783
NCBI GeneID	9002
NCBI Accession #	NP_003941.2
NCBI GenBank Nucleotide #	NM_003950.2
NCBI Official Full Name	proteinase-activated receptor 4
NCBI Official Synonym Full Names	coagulation factor II (thrombin) receptor-like 3
NCBI Official Symbol	F2RL3
NCBI Official Synonym Symbols	PAR4
NCBI Protein Information	proteinase-activated receptor 4
UniProt Protein Name	Proteinase-activated receptor 4
UniProt Gene Name	F2RL3
UniProt Synonym Gene Names	PAR4; PAR-4
UniProt Entry Name	PAR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.