

**RPQ421Hu01 50µg**

**Recombinant Protease, Serine 23 (PRSS23)**

**Organism Species: *Homo sapiens* (Human)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Gln20~Gly383

**Tags:** N-terminal His Tag

**Subcellular Location:** Secreted

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

**Original Concentration:** 1500µg/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:** 9.5

**Predicted Molecular Mass:** 44.7kDa

**Accurate Molecular Mass:** 45kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) 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.

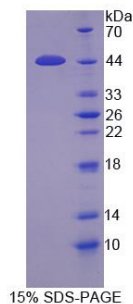
Aliquot and store at -80°C for 12 months.

**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 ]**

Q VSPYSAPWKP TWPAYRLPVV LPQSTLNLAK  
 PDFGAEAKLE VSSSCGPQCH KGTPLPTYEE AKQYLSYETL YANGSRTETQ  
 VGIYILSSSG DGAQHRDSGS SGKSRRKRQI YGYDSRFSIF GKDFLLNYPF  
 STSVKLSTGC TGTLVAEKHV LTAAHCIHDG KTYVKGTQKL RVGFLKPKFK  
 DGGRGANDST SAMPEQMKFQ WIRVKRTHVP KGWIKGNAND IGMDYDYALL  
 ELKKPHKRKF MKIGVSPPAK QLPGGRIHFS GYDNDRPGNL VYRFGCDVKDE  
 TYDLLYQQCD AQPASGSGV YVRMWKRQQQ KWERKIIGIF SGHQWVDMNG  
 SPQDFNVAVR ITPLKYAQIC YWIKGNYLDC REG

## [ IDENTIFICATION ]



## [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.