

Proprotein Convertase Subtilisin/Kexin Type 5 Recombinant Protein | PCSK5 recombinant protein

Recombinant Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5)

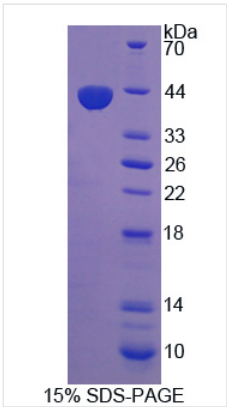
CATALOG # AAA144476	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Proprotein Convertase Subtilisin/Kexin Type 5; Recombinant Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5); PCSK5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	DYDFSRAQST YFNDPKWPSM WYMHCSDNTH PCQSDMNIEG AWKRGYTGKN IVVTILDDGI ERTHPDLMQN YDALASCDVN GNDLDPMPLY DASNENKHGT RCAGEVAAAA NNSHCTVGIA FNAKIGGVVM LDGDVTDMVE AKSVSFNPQH VHIYSASWGP DDDGKTVDGP APLTRQAFEN GVRMGRRGLG SVFVWASGNG GRSKDHCSGD GYTNSIYTIS ISSTAESGKK PWYLEECSST LATTYSSGES YDKKIITDL RQRCTDNHTG TSASAPMAAG IIALALEANP FLTWRDVQHV IVRTSRAGHL NANDWKTNA GFKVSHLYGF GLMDAEAMVM
Applicable Applications for PCSK5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp115~Met454
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in 10mM PBS (pH7.4) 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 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	299523019
NCBI GeneID	18552
NCBI Accession #	NP_001177412.1
NCBI GenBank Nucleotide #	NM_001190483.2
Molecular Weight	Predicted Molecular Mass: 40.8kDa Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 5 isoform 1 preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 5
NCBI Official Symbol	Pcsk5
NCBI Official Synonym Symbols	PC5; PC6; SPC6; b2b585Clo; b2b1549Clo
NCBI Protein Information	proprotein convertase subtilisin/kexin type 5
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 5
UniProt Gene Name	Pcsk5
UniProt Synonym Gene Names	PC5; PC6; SPC6
UniProt Entry Name	PCSK5_MOUSE

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.