Proprotein Convertase Subtilisin/Kexin Type 9 Recombinant Protein | PCSK9 recombinant protein

Recombinant Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)

CATALOG #	HOST	APPLICATIONS
AAA144164	**Host: E ColiSource: Prokaryotic expression**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Proprotein Convertase Subtilisin/Kexin Type 9; Recombinant Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9); PCSK9 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow.WQQTEED SSPDGSSQVE VYLLDTSIQS GHREIEGRVT ITDFNSVPEE DGTRFHRQAS KCDSHGTHLA GVVSGRDAGV AKGTSLHSLR VLNCQGKGTV SGTLIGLEFI RKSQLIQPSG PLVVLLPLAG GYSRILNTAC QRLARTGVVL VAAAGNFRDD ACLYSPASAP EVITVGATNA QDQPVTLGTL GTNFGRCVDL FAPGKDIIGA SSDCSTCYMS QSGTSQAAAH VAGIVAMMLN RDPALTLAEL RQRLILFSTK DVINMAWF
Sequence Length	692
Applicable Applications for PCSK9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	58.1kDa
Accurate Molecular Mass (KD)	58kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Trp164~Phe428
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the targetprotein. 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 andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317307
NCBI GeneID	255738
NCBI Accession #	NP_777596.2
NCBI GenBank Nucleotide #	NM_174936.3
Molecular Weight	20,827 Da
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 9 preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 9
NCBI Official Symbol	PCSK9
NCBI Official Synonym Symbols	FH3; PC9; NARC1; LDLCQ1; NARC-1; HCHOLA3
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 9
UniProt Gene Name	**PCSK9**
UniProt Synonym Gene Names	NARC1; NARC-1; PC9
UniProt Entry Name	PCSK9_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.

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Online datasheet: https://stage.aaabiotech.com/pcsk9-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144164