

Secernin 1 Recombinant Protein | SCR1 recombinaant protein

Recombinant Secernin 1 (SCR1)

CATALOG # AAA145906	HOST E Coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Secernin 1; Recombinant Secernin 1 (SCR1); SES1; SCR1 recombinaant protein

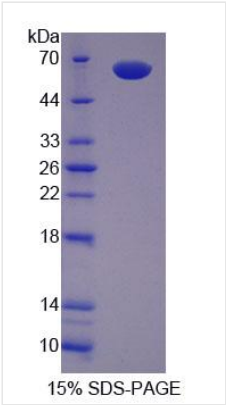
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	>90%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	50 ug/ml (varies by lot)
Sequence Length	414
Applicable Applications for SCR1 recombinaant protein	Positive Control, Immunogen, WB (Western Blot), SDS-PAGE
Residues	Ser2~Lys414
Tag	Two N-terminal Tags
Predicted isoelectric point	4.4
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Phenomenon Explanation	The possible reasons that the actual band size differs from predicted as follows. 1. Splice Variants - Alternative splicing may create different sized proteins from the same gene. 2. Relative Charge - The composition of amino acids may affects the charge of the protein. 3. Post-Translation Modification - Phosphorylation, glycosylation, methylation etc. 4. Post-Translation Cleavage - Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein - Dimerization, multimerization etc.
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 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.

IMAGES

SGAPPSYSF VALPPRAKDG LVVFGKNSAR PRDEVQEVVY FPAVDHDAES
KVECTYISID QVPRTHAIVI SRPAWLGAIE MGANEHGVC I ANEAINAREP
AAETEALLGM DLVRLGLERG TTAKEALDII VSLLEHGQG GNYVEDAHSC
HSFQSAYLLV DRDEAWVLET VGKYWAAERI TEGVRCICNH LSLATKLDEE
HPELRTYAQS QGMWTGDDEF NFAQVFSPAD DRLDCCAGQD SLEKQESIT
VQTMINILRD KASGVCIDSE SFLTASIVS VLPQNRSSPC IHYFTGTPDP
SRSIFKPFIF VDDVKLVPKA QSPCFGDDDP AKKEPRFQEK PDRRHELYKA
HEWARAVIES DEEQRTLRLK TMLELEKQGL EAMDEILSSP EPPDPAEVGD
LFYDCVDTEM KFFK

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	224465194
NCBI GeneID	9805
NCBI Accession #	NP_001138985.1
NCBI GenBank Nucleotide #	NM_001145513.1
Molecular Weight	Predicted Molecular Mass 49.9 kDa Accurate Molecular Mass 60 kDa
NCBI Official Full Name	secernin-1 isoform a
NCBI Official Synonym Full Names	secernin 1
NCBI Official Symbol	SCRN1
NCBI Official Synonym Symbols	SES1
NCBI Protein Information	secernin-1
UniProt Protein Name	Secernin-1
UniProt Gene Name	SCRN1
UniProt Synonym Gene Names	KIAA0193
UniProt Entry Name	SCRN1_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.