

Sterol Carrier Protein 2 Recombinant Protein | SCP2 recombinant protein

Recombinant Sterol Carrier Protein 2 (SCP2)

CATALOG # AAA145936	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Sterol Carrier Protein 2; Recombinant Sterol Carrier Protein 2 (SCP2); NLTP; NSL-TP; SCPX; SCP-chi; Non-Specific Lipid-Transfer Protein; Propanoyl-CoA C-acyltransferase; Sterol carrier protein X; SCP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for SCP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Ala433-Leu547
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
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 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.

IMAGES

Gene Sequence

FVKKIGGIFA

FKVKDGGGK

EATHVV/DVKN

GKGSVLPDS

KKADCTITMA

DSDLLALMTG

KMNPQSAFFQ

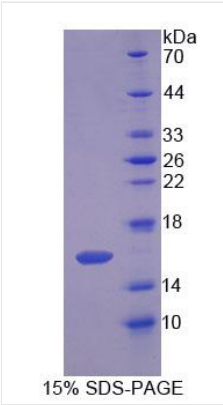
GKLKIAGNMG

LAMKLQSLQL

QPDKAKL

ANLIFKEI

EKKLEEEGEE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	263551
NCBI GeneID	6342
Molecular Weight	Predicted Molecular Mass: 16.2kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	sterol carrier protein 2
NCBI Official Synonym Full Names	sterol carrier protein 2
NCBI Official Symbol	SCP2
NCBI Official Synonym Symbols	NLTP; SCPX; SCP-2; SCP-X; NSL-TP; SCP-CHI
NCBI Protein Information	non-specific lipid-transfer protein
UniProt Protein Name	Non-specific lipid-transfer protein
UniProt Gene Name	SCP2
UniProt Synonym Gene Names	NSL-TP; SCP-2; SCP-X
UniProt Entry Name	NLTP_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/scp2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145936>