

Non-specific lipid-transfer Recombinant Protein | SCP2 recombinant protein

Recombinant Human Non-specific lipid-transfer protein

CATALOG # AAA113858	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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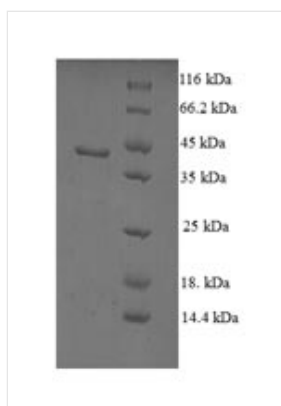
PRODUCT SYNONYMS

Non-specific lipid-transfer; Recombinant Human Non-specific lipid-transfer protein; Propanoyl-CoA C-acyltransferase; SCP-chi; SCPX; Sterol carrier protein 2; SCP-2; Sterol carrier protein X; SCP-X; SCP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-143aa; Full Length of Isoform SCP2
Sequence	MGFPEAASSF RTHQIEAVPT SSASDGFKAN LVFKEIEKKL EEEGEQFVKK IGGIFAFKVK DGPGGKEATW VVDVKNGKGS VLPNSDKKAD CTITMADSDF LALMTGKMNP QSAFFQGKLG ITGNMGLAMK LQNLQLQPGN AKL
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SCP2 recombinant protein	Mediates in vitro the transfer of all common phospholipids, cholesterol and gangliosides between membranes. May play a role in regulating steroidogenesis.
Product Categories/Family for SCP2 recombinant protein	Transport

References

The structure of the human sterol carrier protein X/sterol carrier protein 2 gene (SCP2) .Ohba T., Rennert H., Pfeifer S.M., He Z., Yamamoto R., Holt J.A., Billheimer J.T., Strauss J.F. III*Genomics* 24:370-374(1994) cDNAs encoding members of a family of proteins related to human sterol carrier protein 2 and assignment of the gene to human chromosome 1 p21-pter.He Z., Yamamoto R., Furth E.E., Schantz L.J., Naylor S.L., George H., Billheimer J.T., Strauss J.F. II*DNA Cell Biol.* 10:559-569(1991) Cloning and expression of a cDNA encoding human sterol carrier protein 2.Yamamoto R., Kallen C.B., Babalola G.O., Rennert H., Billheimer J.T., Strauss J.F. III*Proc. Natl. Acad. Sci. U.S.A.* 88:463-467(1991) Localization of human sterol carrier protein 2 gene and cDNA expression in COS-7 cell.Yamamoto R.*Hokkaido Igaku Zasshi* 67:839-848(1992) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.*Nat. Genet.* 36:40-45(2004) Heil O., Ebert L., Hennig S., Henze S., Radelof U., Schneider D., Korn B.The DNA sequence and biological annotation of human chromosome 1.Gregory S.G., Barlow K.F., McLay K.E., Kaul R., Swarbreck D., Dunham A., Scott C.E., Howe K.L., Woodfine K., Spencer C.C.A., Jones M.C., Gillson C., Searle S., Zhou Y., Kokocinski F., McDonald L., Evans R., Phillips K., Atkinson A., Cooper R., Jones C., Hall R.E., Andrews T.D., Lloyd C., Ainscough R., Almeida J.P., Ambrose K.D., Anderson F., Andrew R.W., Ashwell R.I.S., Aubin K., Babbage A.K., Bagguley C.L., Bailey J., Beasley H., Bethel G., Bird C.P., Bray-Allen S., Brown J.Y., Brown A.J., Buckley D., Burton J., Bye J., Carder C., Chapman J.C., Clark S.Y., Clarke G., Clee C., Cobley V., Collier R.E., Corby N., Coville G.J., Davies J., Deadman R., Dunn M., Earthrowl M., Ellington A.G., Errington H., Frankish A., Frankland J., French L., Garner P., Garnett J., Gay L., Ghorri M.R.J., Gibson R., Gilby L.M., Gillett W., Glithero R.J., Grafham D.V., Griffiths C., Griffiths-Jones S., Grocock R., Hammond S., Harrison E.S.I., Hart E., Haugen E., Heath P.D., Holmes S., Holt K., Howden P.J., Hunt A.R., Hunt S.E., Hunter G., Isherwood J., James R., Johnson C., Johnson D., Joy A., Kay M., Kershaw J.K., Kibukawa M., Kimberley A.M., King A., Knights A.J., Lad H., Laird G., Lawlor S., Leongamornlert D.A., Lloyd D.M., Loveland J., Lovell J., Lush M.J., Lyne R., Martin S., Mashreghi-Mohammadi M., Matthews L., Matthews N.S.W., McLaren S., Milne S., Mistry S., Moore M.J.F., Nickerson T., O'Dell C.N., Oliver K., Palmeiri A., Palmer S.A., Parker A., Patel D., Pearce A.V., Peck A.I., Pelan S., Phelps K., Phillimore B.J., Plumb R., Rajan J., Raymond C., Rouse G., Saenphimmachak C., Sehra H.K., Sheridan E., Shownkeen R., Sims S., Skuce C.D., Smith M., Steward C., Subramanian S., Sycamore N., Tracey A., Tromans A., Van Helmond Z., Wall M., Wallis J.M., White S., Whitehead S.L., Wilkinson J.E., Willey D.L., Williams H., Wilming L., Wray P.W., Wu Z., Coulson A., Vaudin M., Sulston J.E., Durbin R.M., Hubbard T., Wooster R., Dunham I., Carter N.P., McVean G., Ross M.T., Harrow J., Olson M.V., Beck S., Rogers J., Bentley D.R.*Nature* 441:315-321(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956775
NCBI GeneID	6342
NCBI Accession #	NP_001007099.1
NCBI GenBank Nucleotide #	NM_001007098.2
UniProt Accession #	P22307; Q15432; Q16622; Q5VVZ1; Q6NXF4; A6NM69; B4DGJ9; B4DHP6; C9JC79; D3DQ37; E1B6W5; F2Z3J1
Molecular Weight	42.4 kDa
NCBI Official Full Name	non-specific lipid-transfer protein isoform 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://www.aaabiotech.com/scp2-recombinant-protein-e-coli/113858>