

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TP310264

SCARB1 (NM_005505) Human Recombinant Protein

Product data:

Description:Recombinant protein of human scavenger receptor class B, member 1 (SCARB1), transcript variant 1, 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Clome or AA Sequence:Red=Cloning site Green=Tags(s)MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVPSLIKQQVLKNVRIDPSSLSFNMWKEIPIPYLSVYFF DVMNPSEILKG&REQVRERGPVYNEFRHKSNITFINNDTDYSFLEYRTFQFQPSKSHGSESDYIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYDPLVLINKYFPGMFPFKDKFGLFAE LNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFWHSDQCNMINGTSGQMWPPPMTPESSLEFYSPEAC ARSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLFLSHPHFLNA DPVLAEAVTGLHPNQEAHSLFLDHPVTGIPMNCSVKLQLSLVMKSVAGIGTGKIEPVVLPLLWFAESG AMEGETLHTFYTQLVLMPKVMHYAQVYLLALGCVLLLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY SESLMTSAPKGSVLQEAKLTag:CC-Myc/DDKTag:CS0.9 µg/µL as determined by microplate BCA methodPredicted MW:5.8 kDaGoncentration:>80% as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:20m Miris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was capture through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience som loss of protein during the filtration process.Storage:Storage:Storage:	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA CloopRcC210264 representing NM_005505or AA Sequence:Red=Cloning site Green=Tags(s)MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVPSLIKQQVLKNVRIDPSSLSFNMWKEIPIPFVLSVYFF DVMNPSEILKGEKPQVRERGPYVREFRHKSNITFNNNDTVSFLEYRTFQFQPSKSHGSESDYIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYKDPLVNLINKYPFOMFPFKDKFGLFAE LNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFWHSDQCNMINGTSGQMWPPFMTPESSLEFYSPEAC RSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLFLSHPHFLNA DPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNCSVKLQLSLVMKSVAGIGQTGKIEPVVLPLLWFAESG AMEGETLHTFYTQLVLMPKVMHYAQYVLLALGCVLLLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY SESLMTSAPKGSVLQEAKLTag:C-Myc/DDKPredicted MW:56.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Description:	
Expression cDNA CloomRC210264 representing NM_005505or AA Sequence:RC210264 representing NM_005505RC2-Cloning site Green=Tags(s)MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVPSLIKQQVLKNVRIDPSSLSFNMWKEIPIPFYLSVYFF DVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFLEYRTFQFQPSKSHGSEDJVIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYKDPLVNLINKYFPGMPFFDKFGLFAE SUNSDSGLFTVFTGVQNISRIHLVDKWNGSKDDCVMINDTSSQQMVPPFMTPESSLEFYSPEAC AMEGETLHTFYTQLVIMPKVAHYAQYVLLALGCVLLUVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY SESLMTSAPKGSVLQEAKLTag:CMyc/DDKFrag:CMyc/DDKPredicted MW:5.6.8 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:A0% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Concomination protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVPSLIKQQVLKNVRIDPSSLSFNMWKEIPIPFYLSVYFF DVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFLEYRTFQFQPSKSHGSESDYIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYKDPLVNLINKYFPGMFPFKDKFGLFAE LNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFVHSDQCNMINGTSGQMWPPFMTPESSLEFYSPEAC RSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLFLSHPHFLNA DPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNCSVKLQLSLYMKSVAGIGQTGKIEPVVLPLLWFAESG AMEGETLHTFYTQLVLMPKVMHYAQYVLLALGCVLLLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY SESLMTSAPKGSVLQEAKLTag:C-Myc/DDKPredicted MW:56.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Expression Host:	HEK293T
DVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFLEYRTFQFQPSKSHGSESDYIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYKDPLVNLINKYFPGMFPFKDKFGLFAE LNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFWHSDQCNMINGTSGQMWPPFMTPESSLEFYSPEAC RSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLFLSHPHFLNA DPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNCSVKLQLSLYMKSVAGIGQTGKIEPVVLPLLWFAESG AMEGETLHTFYTQLVLMPKVMHYAQYVLLALGCVLLLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY SESLMTSAPKGSVLQEAKLTag:C-Myc/DDKFag:C-Myc/DDKPredicted MW:56.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	•	
Tag:C-Myc/DDKPredicted MW:56.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.		DVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFLEYRTFQFQPSKSHGSESDYIVMPNIL VLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIMWGYKDPLVNLINKYFPGMFPFKDKFGLFAE LNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFWHSDQCNMINGTSGQMWPPFMTPESSLEFYSPEAC RSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLFLSHPHFLNA DPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNCSVKLQLSLYMKSVAGIGQTGKIEPVVLPLLWFAESG AMEGETLHTFYTQLVLMPKVMHYAQYVLLALGCVLLLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAY
Predicted MW:56.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 μg/μL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Tag:	C-Myc/DDK
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Predicted MW:	56.8 kDa
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Concentration:	>0.05 μg/μL as determined by microplate BCA method
Preparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
some loss of protein during the filtration process.	Preparation:	
Storage: Store at -80°C.	Note:	
	Storage:	Store at -80°C.



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	SCARB1 (NM_005505) Human Recombinant Protein – TP310264
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 005496</u>
Locus ID:	949
UniProt ID:	<u>Q8WTV0, A0A024RBS4, F8W8N0</u>
RefSeq Size:	2759
Cytogenetics:	12q24.31
RefSeq ORF:	1527
Synonyms:	CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1
Summary:	The protein encoded by this gene is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2019]
Protein Families	: Druggable Genome, Transmembrane

Product images:

188	_	
98	-	
62	_	
49	-	=
38	_	-
28	_	
17 14 6	Ξ	
3		

Coomassie blue staining of purified SCARB1 protein (Cat# TP310264). The protein was produced from HEK293T cells transfected with SCARB1 cDNA clone (Cat# [RC210264]) using MegaTran 2.0 (Cat# [TT210002]).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US