

Product Data Sheet

Recombinant Human SOAT2 Protein

Catalog #	Source	Reactivity	Applications
CRP2325	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SOAT2 Protein is produced by E. coli expression system and the target gene encoding Met1-Glu397 is expressed with a Trx, 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	SOAT2		
Alternative Names	ACACT2; ACAT2; Sterol O-acyltransferase 2; Acyl-coenzyme A:cholesterol acyltransferase 2; ACAT-2; Cholesterol acyltransferase 2		
Entrez Gene	8435 (Human)		
SwissProt	O75908 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MSDKIIHLTD DSFDTDVLKA DGAILVDFWA EWCGPCKMIA PILDEIADEY QGKLTVAKLN IDQNP GTAPK YGIRGIPTLL LFKNGEVAAT KVGALSKGQL KEFLDANLAG SGSGHMHHHH HHSSGLVPRG SGMKETAAAK FERQHMDSPD LGTDDDDKAM ADIGSMNAGS DPVVIVSAAR TIIGSFNGAL AAVPVQDLGS TVIKEVLKRA TVAPEDVSEV IFGHVLAAGC GQNPVRQASV GAGIPYSVPA WSCQMICGSG LKAVCLAVQS IGIGDSSIVV AGGMENMSKA PHLAYLRTGV KIGEMPLTDS ILCDGLTDAF HNCHMGITAE NVAKKWQVSR EDQDKVAVLS QNRTEAQA GHFDKEIVPV LVSTRRLIE VKTDEFPRHG SNIEAMSKLK PYFLTDGTGT VTPANASGIN DGAAAVVLMK KSEADKRGLT PLARIVWSQ VGVEPSIMGI GPIPAIKQAV TKAGWSLEDV DIFEINEAFA AVSAAIVKEL GLNPEKVNIE GGAIALGHPL GASGCRLVT LLHTLERMGR SRGVAALCIG GGMGIAMCVQ RE		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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