

Recombinant Human SOAT2 Protein

Catalog #	Source	Reactivity	Applications
CRP2325	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SOAT2 Protein is produced by our 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
 IDQNPQTAPK YGIRGIPTLL LFKNGEVAAT KVGALSKGQL KEFLDANLAG SGSGHMHHHH
 HHSSGLVPRG SGMKETAALK FERQHMDSPD LGTDDDDKAM ADIGSMNAGS
 DPVVIVSAAR TIIGSFNGAL AAVPVQDLGS TVIKEVLKRA TVAPEDVSEV IFGHVLAAGC
 GQNPVRQASV GAGIPYSVPA WSCQMICGSG LKAVCLAVQS IGIGDSSIVV AGGMENMSKA
 PHLAYLRTGV KIGEMPLTDS ILCDGLTDAF HNCHMGITAE NVAKKWQVSR EDQDKVAVLS
 QNRTENAQKA GHFDKEIVPV LVSTRRLIE VKTDEFPRHG SNIEAMSKLK PYFLTDGTGT
 VTPANASGIN DGAAAVVLMK KSEADKRGLT PLARIVSWSQ VGVPEVSIMGI GPIPAIKQAV
 TKAGWSLEDV DIFEINEAFA AVSAAIVKEL GLNPEKVNIE GGAIALGHPL GASGCRILVT
 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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Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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