

Recombinant Human ACSBG2 Protein, GST-tagged

Cat. No. ACSBG2-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSBG2 full-length ORF (AAH90046.1, 1 a.a. - 666 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ACSBG2 (Acyl-CoA Synthetase Bubblegum Family Member 2) is a Protein Coding gene. Among its related pathways are Metabolism and Fatty Acyl-CoA Biosynthesis. GO annotations related to this gene include long-chain fatty acid-CoA ligase activity and acyl-CoA hydrolase activity. An important paralog of this gene is ACSBG1.
Molecular Mass	100.7 kDa
AA Sequence	MTGTPKTQEGAKDLEVDMNKTEVTPRLWTTCDGEVLLRLSKHGPGHETPMTIPEF FRESVNRFGTYPALASKNGKKWEILNFNQYYEACRKAASLIKLGLERFHGVGILGF NSAEWFITAVGAILAGGLCVGIYATNSAEACQYVITHAKVNILLVENDQQLQKILSIPQ SSLEPLKAIQYRLPMKKNNNLYSWDDFMELGRSIPDTQLEQVIESQKANQCAVLIYT SGTTGIPKGVMLSHDNITWIAGAVTKDFKLTDKHETVVSYLPLSHIAAQMMDIWVPIKI GALTYFAQADALKGTLVSTLKEVKPTVFIGVPQIWEKIHVMKKNSAKSMGLKKKAFV WARNIGFKVNSKKMLGKYNTPVSYRMAKTLVFSKVKTSGLDLHCHSFISGTAPLNQE TAEFFLSLDIPIGELYGLSESSGPHTISNQNNYRLLSCGKILTGCKNMLFQQNKDGIG EICLWGRHIFMGYLESETETTEAIDDEGWLHSGDLGQLDGLGLYVTGHIKEILITAG GENVPPIPVETLVKKKIPIISNAMLVGDKLKFLSMLLTLKCEMNQMSGEPLDKLNFEAI

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	NFCRGLGSQASTVTEIVKQQDPLVYKAIQQGINAVNQEAMNNAQRIEKWVILEKDFS YGGELGPMMKLKRHFVAQKYKKQIDHMYH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ACSBG2 acyl-CoA synthetase bubblegum family member 2 [Homo sapiens]
Official Symbol	ACSBG2
Synonyms	ACSBG2; acyl-CoA synthetase bubblegum family member 2; long-chain-fatty-acid--CoA ligase ACSBG2; BGR; bubblegum related protein; DKFZp434K1635; PRTDNY3; bubblegum-related protein; BRGL; PRTDNY3; PRTD-NY3; MGC111089;
Gene ID	81616
mRNA Refseq	NM_030924
Protein Refseq	NP_112186
MIM	614363

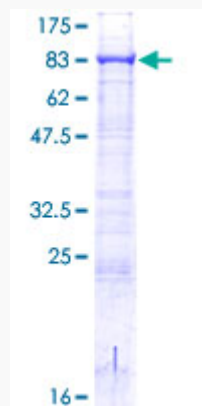
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UniProt ID

Q5FVE4



12.5% SDS-PAGE Stained with Coomassie Blue.

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