

Recombinant Human ACSBG1 Protein, GST-tagged

Cat. No. ACSBG1-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSBG1 full-length ORF (NP_055977.3, 1 a.a. - 724 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene possesses long-chain acyl-CoA synthetase activity. It is thought to play a central role in brain very long-chain fatty acids metabolism and myelinogenesis. [provided by RefSeq, Jul 2008]
Molecular Mass	107.7 kDa
AA Sequence	MPRNSGAGYGCPHGDPSMLDSRETPQESRQDMIVRTTQEKLKTSSLTDRQPLSKE SLNHALELSVPEKVNNAQWDAPEEALWTTRADGRVRLRIDPSCPQLPYTVHRMFYE ALDKYGDIALGFKRQDKWEHISYSQYYLLARRAAKGFLKLGLKQAHSVAILGFNSPE WFFSAVGTVFAGGIVTGIYTTSSPEACQYIAYDCCANVIMVDTQKQLEKILKIWKQLP HLKAVVIYKEPPPNKMANVYTMEEFMELGNEVP EEALDAIIDTQQPNQCCVLVYTSG TTGNPKGVMLSQDNITWTARYGSQAGDIRPAEVQQE VVVSYLPLSHIAAQIYDLWTG IQWGAQVCFAEPDALKGSLVNTLREVEPTSHMGVPRVWEKIMERIQEVAAQSGFIR RKMLLWAMSVTLEQNLTCPGSDLKPF TTRLADYLV LAKVRQALGFAKCQKNFYGAA PMM AETQHFFLGLNIRLYAGYGLSETSGPHFMSSPYNYRLYSSGKLVP GCRVKLVN QDAEGIGEICLWGR TIFMGYLN MEDKTCEAIDEEGWLHTGDAGRLDADGFLYITGRL KELIITAGGENVPPVPIEEAVKMELPIISNAMLIGDQRKFLSMLLTLKCTLDPDTS DQTD

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NLTEQAMEFCQRVGSRATTVSEIIEKKDEAVYQAIEEGIRRVNMNAAARPYHIQKWA
LERDFSISGGELGPTMKLKRLLTVLEKYKGIIDSFYQE QKM

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

[ACSBG1 acyl-CoA synthetase bubblegum family member 1 \[Homo sapiens \]](#)

Official Symbol

[ACSBG1](#)

Synonyms

ACSBG1; acyl-CoA synthetase bubblegum family member 1; long-chain-fatty-acid--CoA ligase ACSBG1; BG1; BGM; bubblegum; FLJ30320; hBG1; hsBG; KIAA0631; lipidosin; MGC14352; very long chain acyl CoA synthetase; very long-chain acyl-CoA synthetase; BG; LPD; GR-LACS;

Gene ID

[23205](#)

mRNA Refseq

[NM_001199377](#)

Protein Refseq

[NP_001186306](#)

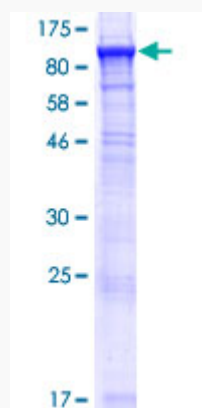
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MIM 614362

UniProt ID Q96GR2



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