

## Recombinant Mouse Long-chain-fatty-acid--CoA ligase ACSBG1(Acsbg1)

Catalog Number:CSB-YP860846MO

<b>Product Name:</b>	Recombinant Mouse Long-chain-fatty-acid--CoA ligase ACSBG1(Acsbg1)
<b>Catalog Number:</b>	CSB-YP860846MO
<b>Relevance :</b>	Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Able to activate long-chain fatty acids. Can activate diverse saturated, monosaturated and polyunsaturated fatty acids
<b>Mol. Weight:</b>	82.13kDa
<b>Product Info :</b>	N terminal His-tagged
<b>Source:</b>	Yeast
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	Tris-based buffer, 50% glycerol
<b>Storage :</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence:</b>	MPRGSEAGYCCLSRDSNMPDSRDDQQQGASLGTSDNSQTSSLIDGQTLTKES PSHGLELSAPEKARAASLDGAEALWTTADGRVRLRLEPFCTQRPYTVHQMFYE ALDKYGNLSALGFKRKDKWERISYYQYYLIARKVAKGFLKGLERAHSAVILGFNSP EWFSAVGTVFAGGIVTGIYTTSSPEACQYISHDCRANVIVVDTQKQLEKILKIWKDL PHLKAVVIYQEPKMANVYTMEELIELGQEVPEEALDAIIDTQQPNQCCVLVYTS GTTGNPKGVMLSQDNITWTARYGSQAGDIQPAEVQQEVVSYLPLSHIAAQIYDLW TGIQWGAQVCFADPDALKGTLVNTLREVEPTSHMGVPRVWEKIMERIQEVAQSG FIRKMLLWAMSVTLEQNLTCPSNDLKPFTSRLADYLVLARVRQALGFAKCQKNFY GAAPMTAETQRFFLGLNIRLYAGYGLSESTGPHFMSSPYNRYLYSSGRVVPGCRV KLVNQDADGIGEICLWGRITFMGYLNMEDKTCEAIDSEGWLHTGDMGRDLADGFL YITGRLKELIITAGGENVPPVPIEEAVKMELPIISSAMLIGDQRKFLSMLLTLKCTLDPE TSEPTDSLTEQAVEFCQRVGSKASTVSEIVGQRDEAVYQAIHEGIQRVNANAAARP YHIQKWAILQRDFSISGGELGPTMKLRRLTVLEKYKDIIDSFYQEQQK
<b>References:</b>	"Novel acyl-CoA synthetase in adrenoleukodystrophy target tissues." Moriya-Sato A., Hida A., Inagawa-Ogashiwa M., Wada M.R., Sugiyama K., Shimizu J., Yabuki T., Seyama Y., Hashimoto N. Biochem. Biophys. Res. Commun. 279:62-68(2000)