

Product datasheet for TP303219M

ACSBG1 (NM_015162) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA synthetase bubblegum family member 1 (ACSBG1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203219 protein sequence Red=Cloning site Green=Tags(s)

MPRNSGAGYGCPHGDPSMLDSRETPQESRQDMIVRTTQEKLKTSSLTDRQPLSKESLNHALELSVPEKVN
NAQWDAPEEALWTTTRADGRVRLRIDPSCPQLPYTVHRMFYEALDKYGDIALGFKRQDKWEHISYSQYYL
LARRAAKGFLKGLKQAHSVAILGFNSPEWFFSAVGTVFAGGIVTGIYTTSSPEACQYIAYDCCANVIMV
DTQKQLEKILKIWKQLPHLKAWIYKEPPPNKMANVYTMEEFMELGNEVPEEALDAIIDTQQPNQCCVLV
YTSGTTGNPKGVMLSQDNITWTARYGSQAGDIRPAEVQQEVVSYLPLSHIAAQIYDLWTGIQWGAQVCF
AEPDALKGSLVNTLREVEPTSHMGVPRVWEKIMERIQEVAAQSGFIRRKMLLWAMSVTLEQNLTCPGSDL
KPFTRLADYLVLAQVRQALGFAKCQKNFYGAAPMMAETQHFFLGLNIRLYAGYGLSETSGPHFMSSPIN
YRLYSSGKLVPGCRVKLVNQDAEGIGEICLWGRTIFMGYLNMEDKTCEAIDEEGWLHTGDAGRLDADGFL
YITGRLKELIITAGGENVPPVPIEEAVKMEPLIISNAMLIGDQRKFLSMLLTLKCTLDPDTSQTDNLTE
QAVEFCQRVGSRATTVSEIIEKKDEAVYQAIIEGIRRVNMNAAARPYHIQKWAILEDIFSISGGELGPTM
KLRKRLTVLEKYKGIIDSFYQEQKM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

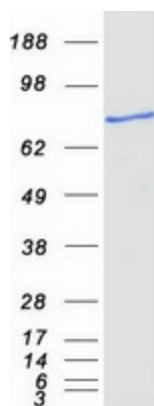
Tag:	C-Myc/DDK
Predicted MW:	81.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055977
Locus ID:	23205
UniProt ID:	Q96GR2 , B3KNS7
RefSeq Size:	3010
Cytogenetics:	15q25.1
RefSeq ORF:	2172
Synonyms:	BG; BG1; BGM; GR-LACS; LPD
Summary:	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]

Product images:



Coomassie blue staining of purified ACSBG1 protein (Cat# [TP303219]). The protein was produced from HEK293T cells transfected with ACSBG1 cDNA clone (Cat# [RC203219]) using MegaTran 2.0 (Cat# [TT210002]).