

Product datasheet for **TP510102**

Acs16 (NM_001033598) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acyl-CoA synthetase long-chain family member 6 (Acs16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210102 protein sequence Red =Cloning site Green =Tags(s)

MQTQEILRILRLEPSDLGQFFRSLSATTLVSVGALAAVLAYWLTHRPKALQPPCNLLKQSEEVEDGGGA
RRSVIGGCTQLLTHYYDDARTMYQVFRRLSISGNGPCLGFRKPEQPYQWLSYQEVAKRAEFLGSGLLQH
DCKVGTQFVGVFAQNRPEWIIAELACYTYSMVVPLYDTLGPISISYIINTADICTVIVDKPHKATLLL
EHVERKETPGLKLVILMEPFEDALRERGGKCGVDIKSMQAIEDCGRENHHPVPPRPDDLIVCFSTGTT
GNPKGAMLTHGNVADFSGLKVTEKVIFPRQDDVLISFLPLAHMFERVIQSVVYCHGGRVGFQGDRL
LSDDMKALRPTIFPVVPRLLNRMVDKIFHQADTSLKRWLLEFAAKRKQAEVRSIIIRNNSIWDELFFNKI
QASLGGHVRMIVTGAAPASPTVLGFLRAALGCQVYEGYQTECTAGCTFTTPGDWTSGHVGAAPLPCNHIK
LVDAEELNYWTCKGEGEICVGPVNFVKGYLKDEDRTKEALDSDGWLHTGDIGKWLPEGTLKIIDRKKHIF
KLAQGEYVAPEKIENIYIRSEPAQIYVHGDLSKAFVGVVDPPEVMPSWAQKKGIEGTYQELCMKKEL
KKAILDDMVMLGKESGLHSFEQVKAIYIHCDMFSVQNGLLTPTLKAKRPELREYFKKQIEELYLVSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	78 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_001028770
Locus ID:	216739
UniProt ID:	Q91WC3 , Q5ICG4
RefSeq Size:	2561
Cytogenetics:	11 32.13 cM
RefSeq ORF:	2094
Synonyms:	A330035H04Rik; AW050338; Facl6; LACS; Lacsl; mKIAA0837
Summary:	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Plays an important role in fatty acid metabolism in brain and the acyl-CoAs produced may be utilized exclusively for the synthesis of the brain lipid (By similarity). [UniProtKB/Swiss-Prot Function]