

Product datasheet for **TP524284**

Acot12 (NM_028790) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acyl-CoA thioesterase 12 (Acot12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224284 representing NM_028790 Red =Cloning site Green =Tags(s)

MESMVAPGEVLMSQAIQPAHADSRGELSAGQLLKWMDTTACLA AEKHAGISCVTASMD DILFEDTARIGQ
IITIRAKVTRAFSTSM EISIKVIVQDKFTGIQLKLCVAFSTFVAKPVGKEKVHLKPVLLQTEQE QVEHNL
ASERRKVR LQHENTFN NIMKESSRFS DSICNEEEGTATTMGTSVQSI ELVLP PHANHHGNTFGGQIMAWM
ETVATISASRLCHGHPFLKSVDMFKFRGPSTVGDRLVFS AIVNNTFQNSVEVGV RVEAFDCQEWAEGQGR
HINSAFLIYNAVDDQEKLITFPRIQPISKDDFRRYQGA IARRRIRLGRKYVISHKKEVPLSAQWDISKKG
SLSNTNVEALKNLASKSGWEITTTLEKIKIYTL EEQDAISVKVEKLVGSPAHIAYHLLSDLTKRPLWDPH
YISCEVIDQVSEDDQIYYITCSVWNGDKPKDFVVLVSR RPKLKDNN TYVALRSVWLPSPVSPSQYIRSE
VICAGFLIQAVDSNSCTV TYLNQMSDSILPYFAGNIGGWSKSIEEAAASC IKFIENATPDGLKSVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	61.8 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.
RefSeq:	<u>NP_083066</u>



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Locus ID:	74156
UniProt ID:	Q9DBK0 , A2RSC2
RefSeq Size:	3049
Cytogenetics:	13 C3
RefSeq ORF:	1668
Synonyms:	1300004O04Rik; 4930449F15Rik; AV027244; Cach; mCACH-1
Summary:	Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. Acyl-coenzyme A thioesterase 12/ACOT12 preferentially hydrolyzes acetyl-CoA.[UniProtKB/Swiss-Prot Function]