

Product datasheet for TP512675

Them4 (NM_029431) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thioesterase superfamily member 4 (Them4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212675 representing NM_029431 Red=Cloning site Green=Tags(s)

MLRNCAMRLRTL GATPARRPGAARRLFSSEKVIKDYALPNPSWTKDLRLLFDQFMKKCEDGSWKRMPSH
RQNPTRAIQEFQTLFVDSKFKKEEQMSKAQQFTRSFEEGLGFEYAMFYNKVEKRTVSLEFQGGLHLQGVPG
FVHGGAIAIIDVTTGTCAISEGVAMTANLNITYKKPIPLLSVVVNSQLQKIEGRKLFVSCTIQSIDEK
TLYTEATALFIKLDPEKPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	26.5 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:	NP_083707
Locus ID:	75778
UniProt ID:	Q3UUI3
RefSeq Size:	1730



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Cytogenetics:	3 F2.1
RefSeq ORF:	690
Synonyms:	2700077M13Rik; 4921507I02Rik
Summary:	Has acyl-CoA thioesterase activity towards medium and long-chain (C14 to C18) fatty acyl-CoA substrates, and probably plays a role in mitochondrial fatty acid metabolism (By similarity). Plays a role in the apoptotic process, possibly via its regulation of AKT1 activity (PubMed:19421406).[UniProtKB/Swiss-Prot Function]