

Product datasheet for **TP515337**

Cers3 (NM_001164201) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ceramide synthase 3 (Cers3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215337 representing NM_001164201 Red =Cloning site Green =Tags(s)

MRCVALENKAAWNGKPLQLLPTGEEYPVQTGALGRRMFQTRKWFWSERYWLPPTIKWSDLEDHDGLV
KASHLYITIPYAFLLMVRYFFEFKVFATPLANALGIKKTQHKIKPNAILENFFKHSTSKPSHTDIYGLAK
KCNLTERQVERWLRIRQKQNKPCRLQKFQESCWRFTFYLLITMAGAVFLYDKPWAYDLWEVWVNDYPRQPL
LPSQYWYYILEMSFYWSLVFSLSTDIKRKDFLAHVHHLAAISLMSFSWCANYIRSGTLVMFIHDISDIW
LESAKMFSYAGWKQTCNTLFFIFTVFFISRFIIFPWILYCTLILPLHYLEPFFSYIFLNLQLMILQGL
HVVWGYFILKMLNRCIFTQNVQDVRSDNEEEEEEEEEEAESTKGGKETEYLNKGLGTNRHLIANGQHGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.5 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_001157673
Locus ID:	545975
UniProt ID:	Q1A3B0



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RefSeq Size:	3251
Cytogenetics:	7 C
RefSeq ORF:	1257
Synonyms:	4930550L11Rik; Gm488; Lass3; T3L
Summary:	Has (dihydro)ceramide synthesis activity with relatively broad substrate specificity, but a preference for C18:0 and other middle- to long-chain fatty acyl-CoAs. It is crucial for the synthesis of very long-chain ceramides in the epidermis, to maintain epidermal lipid homeostasis and terminal differentiation (By similarity).[UniProtKB/Swiss-Prot Function]