

Product datasheet for TP506130

Cers4 (NM_026058) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ceramide synthase 4 (Cers4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206130 representing NM_026058 Red=Cloning site Green=Tags(s)

MSFSLSEWLWQETYWLPPNVTWAELEDRLDGLVFAHPHHVLAAFPVALVLVAVRIVFERFVALPLSRWMGV
QDPIRRKIKPNPVLEKYFLRMKQCPEETQMVLLASQCGLTLRQTQRWFRRRNQDRPSLSKKFCEACWRF
VFYLCFVGGTSILYHESWLWSPSLCWENYPHQTLNLSLYWWYLLLELGFYLSLLITLPFDVVKRKFKEQV
VHHFVAVGLIGFSYSVNLRLRIGAVLLLHDCSDYLLEGCKILNYAHFRRGCDALFIMFALVFFYTRLIFF
PTQVIYTSVYDSIKNSGPFPGYYFFIVLLVMLQILHVVWFCLILRMLYSFLHKGQMTEDIRSDVEEPDSS
DDEPVSEGPQLKNGMARGSRVAVTNGPRSRAAACLNTNGHTRAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.5 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_080334
Locus ID:	67260
UniProt ID:	Q9D6J1



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RefSeq Size:	3668
Cytogenetics:	8 A1.1
RefSeq ORF:	1179
Synonyms:	2900019C14Rik; Lass4; Trh1
Summary:	May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.[UniProtKB/Swiss-Prot Function]