

## Product datasheet for TP519126

### Chit1 (NM\_027979) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chitinase 1 (chitotriosidase) (Chit1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR219126 representing NM_027979
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MVQSLAWAGVMTLLMVQWGSAAKLVCYLTNWSQYRTEAVRFFPRDVPNLCTHVIFAFAGMDNHQLSTVE  
HNDELLYQELNSLKTKNPKLKTLLAVGGWTFGTQKFTDMVATASNRQTFVKSALSFLRTQGFGLDLWE  
FPGGRGSPTVDKERFTALIQLAKAFQEEAQSSGKERLLLTAAVPSDRGLVDAGYEVDKIAQSLDFINLM  
AYDFHSSLEKTTGHNSPLYKRQGESGAAAEQNVDAAVTLWLQKGTASKLILGMPTYGRSFTLASSDNG  
VGAPATGPGAPGPYTKDKGVLAYYEACSWKERHRIEDQKVPYAFQDNQWVSFDDVESFKAKAAYLKQKGL  
GGAMVWVLDLDDFKGSFCNQGPYPLIRTLRQELNLPSETPRSPEQIPEPRPSSMPEQGPSPGLDNFCQG  
KADGVYPNPGDESTYYNCGGGRFLFQQSCPPGLVFRASCKCCTWS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.6 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:	<a href="#">NP_082255</a>
Locus ID:	71884



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UniProt ID:	<u>Q9D7Q1</u> , <u>B2RS82</u>
RefSeq Size:	1711
Cytogenetics:	1 E4
RefSeq ORF:	1392
Synonyms:	2300002L19Rik
Summary:	Degrades chitin, chitotriose and chitobiose. May participate in the defense against nematodes and other pathogens (By similarity).[UniProtKB/Swiss-Prot Function]