

Product datasheet for TP512132

Camp (NM_009921) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cathelicidin antimicrobial peptide (Camp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212132 representing NM_009921 Red=Cloning site Green=Tags(s)
	<p>MQFQRDVPSLWLWRSLSLLLLLGLGFSQTPSYRDAVLRVAVDFNQQSLDTNLYRLLDLDPEPQGDEDPDT PKSVRFRVKETVCGKAERQLPEQCAFKEQGVVKQCMGAVTLNPAADSFDISCNEPGAQPFRFKKISRLAG LLRKGGEKIGEKLKKIGQKIKNFFQKLVPQPE</p> <p>TRTRPLEQLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	19.9 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_034051</u>
Locus ID:	12796
UniProt ID:	<u>P51437</u>
RefSeq Size:	582
Cytogenetics:	9 59.8 cM



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RefSeq ORF: 516

Synonyms: C; CAP; CAP18; CLP; Cnlp; Cr; Cramp; FAL; FALL39; MC; MCLP

Summary: This gene encodes a member of the cathelicidin family of antimicrobial peptides that play an important role in the defense against microbial infection. The encoded preproprotein undergoes proteolytic processing to generate a mature polypeptide before secretion by host cells such as neutrophils, epithelial cells and macrophages. Mice lacking the encoded protein exhibit increased susceptibility to group A streptococcus and Escherichia coli infections. [provided by RefSeq, Oct 2015]