



Mascot Search Results

Protein View

Match to: [gi|157119583](#) Score: 146 Expect: 2e-007
AAEL008708-PA [*Aedes aegypti*]

Nominal mass (M_r): 53093; Calculated pI value: 4.29
NCBI BLAST search of [gi|157119583](#) against nr
Unformatted [sequence string](#) for pasting into other applications

Taxonomy: [Aedes aegypti](#)
Links to retrieve other entries containing this sequence from NCBI Entrez:
[gi|108875272](#) from [Aedes aegypti](#)

Fixed modifications: Carbamidomethyl (C)
Variable modifications: Oxidation (M)
Cleavage by Trypsin: cuts C-term side of KR unless next residue is P
Sequence Coverage: 8%

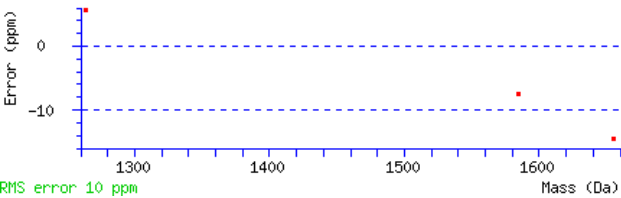
Matched peptides shown in **Bold Red**

1 MITRSVILLA VLLAVANGMV REAWFETKVD HFNPRNVDTF SMRYYSNDEH
51 SYPK**GPIFVI VGSNGPIETR** YLSEGLFYDV AYLEGAFLEA NEHRYFGHSL
101 PVDDASTNNL DFLTIDQALA DLAAFVHHIK HEVVRNPEAK VILMGYGYGG
151 SLATWFHQQF PHLTNGVWVS SGTVEADFDL TGYMESLGET IGEFGGR**GCV**
201 **GTIFSGFRVA** QNLIAMDRAD VLNEQFNLC EALDQDDVMS TAFLLGLQRA
251 IEDEIMHLRN TQSTTDMCGI IDNEEDTIEN SLLALGNWFA EEHQFETCVD
301 LSFEAFMAPY MDTDFDSDS QAGHRQRLYL QCTGTGFFAT SDSFYQPFQD
351 QIDSDFYVEV **CRHAFGDWIN EDLIR**AQVFR TNVRFGGKQP EIDNAHFTHG
401 DIDPMMVTGI VEDLNEEAEA TVIPNTFHAP DLESIDYVVD SPELIAAKEH
451 TRNLIDLWIF EDFDPIV

Show predicted peptides also

Sort Peptides By ☒ Residue Number ☐ Increasing Mass ☐ Decreasing Mass

Start - End	Observed	Mr (expt)	Mr (calc)	ppm	Miss	Sequence
55 - 70	1655.8876	1654.8803	1654.9043	-14	0	K.GPIFVIVGSNGPIETR.Y (No match)
55 - 70	1655.8876	1654.8803	1654.9043	-14	0	K.GPIFVIVGSNGPIETR.Y (Ions score 55)
198 - 208	1264.5852	1263.5779	1263.5707	6	0	R.GCYGTIFSGFR.V (No match)
363 - 375	1585.7638	1584.7565	1584.7685	-8	0	R.HAFGDWINEDLIR.A (No match)
363 - 375	1585.7638	1584.7565	1584.7685	-8	0	R.HAFGDWINEDLIR.A (Ions score 82)



Mascot: <http://www.matrixscience.com/>