

MATRIX

SCIENCE

Mascot Search Results

Protein View

Match to: [gi|157111905](#) Score: 294 Expect: 8.1e-023
AAEL005997-PA [*Aedes aegypti*]

Nominal mass (M_r): 14908; Calculated pI value: 6.62
NCBI BLAST search of [gi|157111905](#) 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|108878248](#) 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: 80%

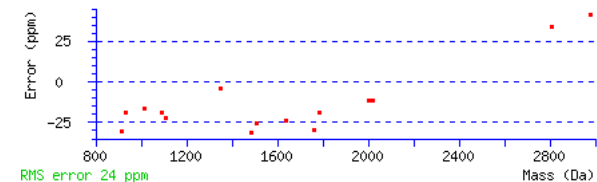
Matched peptides shown in **Bold Red**

1 MAAWVGKKYK MEK**SEGFDDY** MKALGVGMVL RKLGNISIPT VELVKEGDEY
51 **TFNTTSTFKN** TTIK**FKL**GEE FEEETVDGRK VKSVCTLEGD NKLIHEQKGE
101 **KPTTIIREFT** **DTD**LIATMTA GNAKCVRTYK AV

Show predicted peptides also

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

| Start - End | Observed | Mr (expt) | Mr (calc) | ppm | Miss Sequence |
|-------------|-----------|-----------|-----------|-----|---|
| 14 - 22 | 1091.4143 | 1090.4070 | 1090.4277 | -19 | 0 K.SEGFDDYMK.A (No match) |
| 14 - 22 | 1107.4049 | 1106.3976 | 1106.4226 | -23 | 0 K.SEGFDDYMK.A Oxidation (M) (No match) |
| 14 - 31 | 2003.9338 | 2002.9265 | 2002.9492 | -11 | 1 K.SEGFDDYMKALGVGMVLR.K Oxidation (M) (No mat |
| 14 - 31 | 2019.9290 | 2018.9217 | 2018.9442 | -11 | 1 K.SEGFDDYMKALGVGMVLR.K 2 Oxidation (M) (No m |
| 23 - 31 | 915.5168 | 914.5095 | 914.5372 | -30 | 0 K.ALGVGMVLR.K (No match) |
| 23 - 31 | 931.5215 | 930.5142 | 930.5321 | -19 | 0 K.ALGVGMVLR.K Oxidation (M) (No match) |
| 23 - 31 | 931.5215 | 930.5142 | 930.5321 | -19 | 0 K.ALGVGMVLR.K Oxidation (M) (Ions score 15) |
| 32 - 45 | 1484.8214 | 1483.8141 | 1483.8610 | -32 | 1 R.KLGNISIPTVELVK.E (No match) |
| 33 - 59 | 2977.5911 | 2976.5838 | 2976.4604 | 41 | 1 K.LGNISIPTVELVKEGDEYTFNTTSTFK.N (No match) |
| 46 - 59 | 1639.6735 | 1638.6662 | 1638.7050 | -24 | 0 K.EGDEYTFNTTSTFK.N (No match) |
| 65 - 79 | 1784.8005 | 1783.7932 | 1783.8264 | -19 | 1 K.FKLGEFFEEETVDGR.K (No match) |
| 65 - 79 | 1784.8005 | 1783.7932 | 1783.8264 | -19 | 1 K.FKLGEFFEEETVDGR.K (Ions score 34) |
| 67 - 79 | 1509.6316 | 1508.6243 | 1508.6631 | -26 | 0 K.LGEFFEEETVDGR.K (No match) |
| 67 - 79 | 1509.6316 | 1508.6243 | 1508.6631 | -26 | 0 K.LGEFFEEETVDGR.K (Ions score 98) |
| 67 - 80 | 1637.7262 | 1636.7189 | 1636.7580 | -24 | 1 K.LGEFFEEETVDGRK.V (No match) |
| 81 - 92 | 1349.6675 | 1348.6602 | 1348.6657 | -4 | 1 K.VKSVCTLEGDNK.L (No match) |
| 93 - 107 | 1762.9647 | 1761.9574 | 1762.0101 | -30 | 1 K.LIHEQKGEKPTTIIR.E (No match) |
| 99 - 107 | 1014.5773 | 1013.5700 | 1013.5869 | -17 | 0 K.GEKPTTIIR.E (No match) |
| 99 - 124 | 2810.5203 | 2809.5130 | 2809.4168 | 34 | 1 K.GEKPTTIIREFTD TD LIATMTAGNAK.C Oxidation (M) |



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