

Reference Scan(s)	Peptide	MH+	z	P (pro) P (pep)	Score XC	Coverage DeltaCn	MW Sp	Accession eptide RSP	(Hits) Ions	Count
1294	K.DDSPGQNNPCK.M	1231.50083	1	9.44E-15	90.27	0.93	68496.8	453313673 (16 0 0 0)	1	1
2794	K.DDSPGQNNPCK.M	1231.50083	2	2.30E-03	2.20	0.21	206.3		1	9/20
7368	K.HDNAQLITGIDFR.G	1499.76012	2	2.46E-07	2.78	0.85	515.7		1	15/20
4490	K.IPCASEDVK.C	1018.48741	1	9.52E-01	2.03	0.88	2269.2		1	22/24
9285	K.ITVKPDVDTLNAFAEWR.K	2138.09168	2	1.22E-14	5.48	0.90	1223.6		1	26/34
7059	K.KHDNAQLITGIDFR.G	1627.85508	2	1.72E-13	4.57	0.77	1957.8		1	24/26
3708	K.MFYSDNDEHK.G	1285.51538	2	9.26E-09	2.81	0.75	719.4		1	14/18
5792	K.VCSNGHCVDVTTAY.	1582.66252	2	2.71E-05	2.80	0.86	767.6		1	17/26
6024	R.ASM*SECDPAEHTGQSSECPADVFKH.N	2953.14928	2	1.84E-05	3.07	0.85	320.8		1	21/50
5993	R.ASM*SECDPAEHTGQSSECPADVFKH.N	2953.14928	3	9.44E-15	4.92	0.91	1185.0		1	36/100
7660	R.SIIGYAYIGSMCHPK.R	1753.84006	2	1.38E-09	3.27	0.85	845.8		1	16/30

Reference: [gi453313673.gb|AA557937.1| acurhagin precursor \[Deinagkistrodon acutus\]](#)

Database: D:\Database\Agkistrodon.fasta Monoisotopic MW: 68497.8 Number of Amino Acids: 610 pl: 4.90

305 610

1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
1 MIQVLVLTIC	LAAPFYQSS	IILESGDND	YEVVYPKVT	ALPFGAVQK	YEDAMQYFK	VNGETVVLHL	EKNKHLFSK	YSETHSPDC	REITINPPVE
104 DHCYVHGRIC	MDGDSTASIS	ACNCLKGNFK	LOGETYLIEP	MKLSDEAHA	VFKYENVEKE	DEAPKMGVT	QKMSYEPILK	KISQLMLPE	QIYDFPKFYI
204 ETVVVVDKAM	VTKVNGDLK	IKTKYTEAAN	NNMEHYRYMF	FRVYVGLII	WTEEDKIVK	PVDVYTLNAF	AEWRKTYLLA	EKGHDNAQLI	TGIDFRGSII
304 GYAIYSGHCH	PKRSVGIID	YSPINLVLA	IMAHENGNL	GIHDDGYCY	CGGYPCIMP	SISPEPKFF	SNCYIQWD	FIMNHPFECI	DNEPFGTDII
404 SPFLIGHELL	EVGEECDCT	PENCMBECCD	AATCKLEGS	QCGHDCCEQ	CKFRYTSQEC	RASMSCEPFA	PADVPHMGE	FCLDNYGYCY	
504 NGKCPITHTQ	CYALFGADLY	EAEDSCFESN	KKGNYYCYCR	KEWGKILPCA	SEDPKCGRLY	CKDSPGQNN	PCKYKYSNDD	EHKGHVLPQT	KCADGKVCSM
604 GHCVDVTTAY									

Protein Coverage: Include unmatched fragments in table

Sequence	MH+	% by Mass	Position	% by AA's
<input type="checkbox"/> KYTALPKGAVGQK	1367.84	2.01	38 - 50	2.13
<input type="checkbox"/> VTALPKGAVGQK	1239.74	1.81	38 - 50	1.97
<input type="checkbox"/> VTALPKGAVGQKYEDAMQYEFK	2544.28	3.71	39 - 60	3.61
<input type="checkbox"/> GAVGQK	630.36	0.92	45 - 50	0.98
<input type="checkbox"/> GAVGQKYEDAMQYEFK	1934.90	2.82	45 - 60	2.62
<input type="checkbox"/> GAVGQKYEDAMQYEFKVNGETVVLHLEK	3249.62	4.74	45 - 72	4.59
<input type="checkbox"/> VNGETVVLHLEKHKHLFSK	2188.22	3.19	61 - 79	3.11
<input type="checkbox"/> NKHLFSK	873.49	1.28	73 - 79	1.15
<input type="checkbox"/> NKHLFSKDYSETHSPDGR	2281.06	3.33	73 - 91	3.11
<input type="checkbox"/> HLFSK	631.36	0.92	75 - 79	0.92
<input type="checkbox"/> HLFSKDYSETHSPDGR	2038.93	2.98	75 - 91	2.79
<input type="checkbox"/> EITINPPVEDHCYVHGR	2042.94	2.98	92 - 108	2.79
<input type="checkbox"/> IENDGDSTASISACNGLK	1794.82	2.62	109 - 126	2.95
<input type="checkbox"/> IENDGDSTASISACNGLKGNFK	2241.05	3.27	109 - 130	3.61
<input type="checkbox"/> GNFKLGGETYLIEPMK	1867.96	2.73	127 - 142	2.62
<input type="checkbox"/> GNFKLGGETYLIEPMKLSDEAHAVFK	3052.54	4.46	127 - 153	4.43
<input type="checkbox"/> LGGETYLIEPMK	1421.73	2.08	131 - 142	1.97
<input type="checkbox"/> LOGETYLIEPMKLSDEAHAVFK	2606.52	3.80	131 - 153	3.77
<input type="checkbox"/> LSDSEAHAVFK	1203.60	1.76	143 - 153	1.80
<input type="checkbox"/> LSDSEAHAVFKYENVEKE	1965.96	2.87	143 - 159	2.79
<input type="checkbox"/> LSDSEAHAVFKYENVEKEDEAPK	2635.25	3.85	143 - 165	3.77
<input type="checkbox"/> YENVEKEDEAPKMGVGTQK	2198.01	3.21	154 - 172	3.11
<input type="checkbox"/> EDEAPKMGVGTQK	1435.66	2.10	160 - 172	2.13
<input type="checkbox"/> EDEAPKMGVGTQKVMK	1749.83	2.55	160 - 174	2.46
<input type="checkbox"/> MCGVGTQK	766.36	1.12	166 - 172	1.15
<input type="checkbox"/> MCGVGTQKVMK	1080.53	1.58	166 - 174	1.48
<input type="checkbox"/> MCGVGTQKMSYEPILK	1797.90	2.62	166 - 180	2.46
<input type="checkbox"/> WKSYEPILK	1060.56	1.53	173 - 180	1.31
<input type="checkbox"/> WKSYEPILKVMK	1178.66	1.72	173 - 181	1.48
<input type="checkbox"/> SYEPILK	796.39	1.08	175 - 180	0.98
<input type="checkbox"/> SYEPILKVMK	864.48	1.26	175 - 181	1.15
<input type="checkbox"/> KISQLMLPEGGIYDPPK	2174.19	3.17	181 - 198	2.95
<input type="checkbox"/> ISQLMLPEGGIYDPPK	2046.09	2.99	182 - 198	2.79
<input type="checkbox"/> YVETVVVDK	1150.64	1.68	199 - 208	1.64
<input type="checkbox"/> YVETVVVDKAMVTK	1680.92	2.45	199 - 213	2.46
<input type="checkbox"/> YVETVVVDKAMVTKYNSGLDK	2486.28	3.63	199 - 220	3.61
<input type="checkbox"/> AMVTKYNSGLDK	1354.67	1.98	209 - 220	1.97
<input type="checkbox"/> AMVTKYNSGLDKVMK	1595.85	2.33	209 - 222	2.30

Ready

40.23		16714.9	205830836	6 (6 0 0 0)	
2.32	0.72	365.6	1	11/16	4
2.82	0.83	568.3	1	14/16	4
1.98	0.85	863.5	1	12/16	3
2.94	0.82	1156.4	1	14/16	3
4.62	0.59	915.6	1	21/38	1
3.94	0.87	1347.0	1	23/38	1