



# MASCOT Search Results

## Protein View: 1433Z\_HUMAN

**14-3-3 protein zeta/delta OS=Homo sapiens GN=YWHAZ PE=1 SV=1**

**Database:** SwissProt  
**Score:** 88  
**Expect:** 3.1e-05  
**Monoisotopic mass (M<sub>r</sub>):** 27899  
**Calculated pI:** 4.73  
**Taxonomy:** Homo sapiens

Sequence similarity is available as [an NCBI BLAST search of 1433Z\\_HUMAN against nr.](#)

### Search parameters

**Enzyme:** Trypsin: cuts C-term side of KR unless next residue is P.  
**Fixed modifications:** Carbamidomethyl (C)  
**Variable modifications:** Oxidation (M)  
**Mass values searched:** 14  
**Mass values matched:** 9

### Protein sequence coverage: 33%

Matched peptides shown in **bold red**.

1 MDKNELVQKA **KLAEQAERYD** DMAACMKSVT **EQGAELSNEE** **RNLLSVAYKN**  
 51 VVGARR**SSWR** VVSSIEQKTE GAEEK**KQMAR** EYREKIETEL RDICNDVLSL  
 101 LEKFLIPNAS QAESKV FYLK MK**GDYYRYLA** **EVAAGDDKKG** **IVDQSQQAYQ**  
 151 **EAFEISKKEM** **QPTHPIRLGL** ALNFSV FYYE ILNSPEKACS LAKTAFDEAI  
 201 AELDTLSEES YKDTSLIMQL LRDNLTLWTS DTQGDEAEAG EGGEN

Unformatted sequence string: **245 residues** (for pasting into other applications).

Sort by ☒ residue number ☐ increasing mass ☐ decreasing mass  
 Show ☒ matched peptides only ☐ predicted peptides also

Start - End	Observed	Mr (expt)	Mr (calc)	Delta M	Peptide
12 - 18	816.6200	815.6127	815.4137	0.1990 0	<b>K.LAEQAER.Y</b>
28 - 41	1548.9900	1547.9827	1547.7063	0.2764 0	<b>K.SVTEQGAELSNEER.N</b>
42 - 49	907.6500	906.6427	906.5174	0.1253 0	<b>R.NLLSVAYK.N</b>
57 - 60	535.3500	534.3427	534.2550	0.0877 0	<b>R.SSWR.V</b>
75 - 80	761.5900	760.5827	760.4014	0.1814 1	<b>K.KQMAR.E</b>
123 - 127	673.4200	672.4127	672.2867	0.1260 0	<b>K.GDYYR.Y</b>
128 - 139	1279.8600	1278.8527	1278.6456	0.2072 1	<b>R.YLAEVAAGDDKK.G</b>
140 - 157	2041.1200	2040.1127	2039.9800	0.1327 0	<b>K.GIVDQSQQAYQEAFEISK.K</b>
159 - 167	1108.7600	1107.7527	1107.5495	0.2032 0	<b>K.EMQPTHPIR.L</b>

No match to: 515.4400, 568.2600, 622.0600, 842.7000, 1794.9800