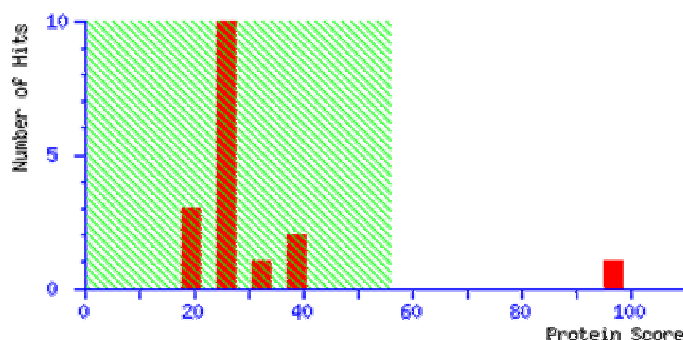


MATRIX SCIENCE Mascot Search Results

User : Tosifusa Toda
 Email : ttoda@proteome.jp
 Search title : TIG3-ssp3210
 Database : SwissProt 2017_12 (556388 sequences; 199430408 residues)
 Taxonomy : Homo sapiens (human) (20245 sequences)
 Timestamp : 26 Dec 2017 at 02:31:55 GMT
 Top Score : 97 for **ACTB_HUMAN**, Actin, cytoplasmic 1 OS=Homo sapiens GN=ACTB PE=1 SV=1

Mascot Score Histogram

Protein score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event. Protein scores greater than 56 are significant ($p < 0.05$).



Concise Protein Summary Report

| | | |
|--|-------------------------|--------------------------|
| Format As | Concise Protein Summary | Help |
| Significance threshold p< | 0.05 | Max. number of hits AUTO |
| Preferred taxonomy | All entries | |
| <input type="button" value="Re-Search All"/> <input type="button" value="Search Unmatched"/> | | |

| | | | | | |
|----|--|--------------|------------------|-----------------|------------|
| 1. | ACTB_HUMAN | Mass: 42052 | Score: 97 | Expect: 4.1e-06 | Matches: 8 |
| | Actin, cytoplasmic 1 OS=Homo sapiens GN=ACTB PE=1 SV=1 | | | | |
| | ACTG_HUMAN | Mass: 42108 | Score: 97 | Expect: 4.1e-06 | Matches: 8 |
| | Actin, cytoplasmic 2 OS=Homo sapiens GN=ACTG1 PE=1 SV=1 | | | | |
| | ACTH_HUMAN | Mass: 42249 | Score: 48 | Expect: 0.36 | Matches: 5 |
| | Actin, gamma-enteric smooth muscle OS=Homo sapiens GN=ACTG2 PE=1 SV=1 | | | | |
| | ACTA_HUMAN | Mass: 42381 | Score: 47 | Expect: 0.37 | Matches: 5 |
| | Actin, aortic smooth muscle OS=Homo sapiens GN=ACTA2 PE=1 SV=1 | | | | |
| | ACTC_HUMAN | Mass: 42334 | Score: 47 | Expect: 0.37 | Matches: 5 |
| | Actin, alpha cardiac muscle 1 OS=Homo sapiens GN=ACTC1 PE=1 SV=1 | | | | |
| | ACTS_HUMAN | Mass: 42366 | Score: 47 | Expect: 0.37 | Matches: 5 |
| | Actin, alpha skeletal muscle OS=Homo sapiens GN=ACTA1 PE=1 SV=1 | | | | |
| | POTEE_HUMAN | Mass: 122882 | Score: 30 | Expect: 19 | Matches: 6 |
| | POTE ankyrin domain family member E OS=Homo sapiens GN=POTEE PE=2 SV=3 | | | | |
| | POTEF_HUMAN | Mass: 123020 | Score: 28 | Expect: 29 | Matches: 6 |
| | POTE ankyrin domain family member F OS=Homo sapiens GN=POTEF PE=1 SV=2 | | | | |
| | CE030_HUMAN | Mass: 23354 | Score: 24 | Expect: 75 | Matches: 3 |
| | UNC119-binding protein C5orf30 OS=Homo sapiens GN=C5orf30 PE=1 SV=1 | | | | |
| | ANR29_HUMAN | Mass: 32593 | Score: 24 | Expect: 86 | Matches: 3 |
| | Ankyrin repeat domain-containing protein 29 OS=Homo sapiens GN=ANKRD29 PE=2 SV=2 | | | | |
| | ACTBM_HUMAN | Mass: 42331 | Score: 24 | Expect: 88 | Matches: 3 |
| | Putative beta-actin-like protein 3 OS=Homo sapiens GN=POTEKP PE=5 SV=1 | | | | |