

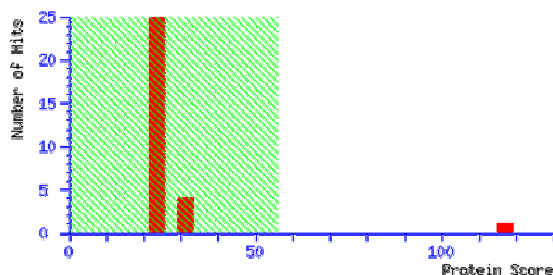


# Mascot Search Results

User : Tosifusa Toda  
 Email : ttoda@proteome.jp  
 Search title : TIG3-ssp2325  
 Database : SwissProt 2017\_12 (556388 sequences; 199430408 residues)  
 Taxonomy : Homo sapiens (human) (20245 sequences)  
 Timestamp : 25 Dec 2017 at 08:32:04 GMT  
 Top Score : 117 for **ATPB\_HUMAN**, ATP synthase subunit beta, mitochondrial OS=Homo sapiens GN=ATP5B PE=1 SV=3

## Mascot Score Histogram

Protein score is  $-10 \times \log(P)$ , 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

[Re-Search All](#)
[Search Unmatched](#)

- ATPB\_HUMAN** Mass: 56525 Score: **117** Expect: 4e-08 Matches: 11  
 ATP synthase subunit beta, mitochondrial OS=Homo sapiens GN=ATP5B PE=1 SV=3

**ARF3\_HUMAN** Mass: 20645 Score: 34 Expect: 9 Matches: 4  
 ADP-ribosylation factor 3 OS=Homo sapiens GN=ARF3 PE=1 SV=2

**ERAL1\_HUMAN** Mass: 48833 Score: 27 Expect: 37 Matches: 4  
 GTPase Era, mitochondrial OS=Homo sapiens GN=ERAL1 PE=1 SV=2

**SYRC\_HUMAN** Mass: 76129 Score: 24 Expect: 82 Matches: 5  
 Arginine--tRNA ligase, cytoplasmic OS=Homo sapiens GN=RARS PE=1 SV=2

**TYB4\_HUMAN** Mass: 5050 Score: 23 Expect: 97 Matches: 2  
 Thymosin beta-4 OS=Homo sapiens GN=TMSB4X PE=1 SV=2

**ARF1\_HUMAN** Mass: 20741 Score: 23 Expect: 99 Matches: 3  
 ADP-ribosylation factor 1 OS=Homo sapiens GN=ARF1 PE=1 SV=2

**RT14\_HUMAN** Mass: 15243 Score: 23 Expect: 1.1e+02 Matches: 3  
 28S ribosomal protein S14, mitochondrial OS=Homo sapiens GN=MRPS14 PE=1 SV=1

**ABRAL\_HUMAN** Mass: 9108 Score: 22 Expect: 1.2e+02 Matches: 2  
 Costars family protein ABRACL OS=Homo sapiens GN=ABRACL PE=1 SV=1

**GSTK1\_HUMAN** Mass: 25594 Score: 22 Expect: 1.3e+02 Matches: 3  
 Glutathione S-transferase kappa 1 OS=Homo sapiens GN=GSTK1 PE=1 SV=3

**KMCP1\_HUMAN** Mass: 32739 Score: 21 Expect: 1.5e+02 Matches: 3  
 Kidney mitochondrial carrier protein 1 OS=Homo sapiens GN=SLC25A30 PE=1 SV=1

**RPAB4\_HUMAN** Mass: 7228 Score: 21 Expect: 1.6e+02 Matches: 2  
 DNA-directed RNA polymerases I, II, and III subunit RPABC4 OS=Homo sapiens GN=POLR2K PE=1 SV=1

**HPCL1\_HUMAN** Mass: 22413 Score: 21 Expect: 1.6e+02 Matches: 3  
 Hippocalcin-like protein 1 OS=Homo sapiens GN=HPCAL1 PE=1 SV=3

**AMPD2\_HUMAN** Mass: 101422 Score: 21 Expect: 1.7e+02 Matches: 5  
 AMP deaminase 2 OS=Homo sapiens GN=AMPD2 PE=1 SV=2

**GPA33\_HUMAN** Mass: 36237 Score: 21 Expect: 1.7e+02 Matches: 3  
 Cell surface A33 antigen OS=Homo sapiens GN=GPA33 PE=1 SV=1

**GP1BA\_HUMAN** Mass: 72008 Score: 21 Expect: 1.7e+02 Matches: 4  
 Platelet glycoprotein Ib alpha chain OS=Homo sapiens GN=GP1BA PE=1 SV=2

**FOXH1\_HUMAN** Mass: 39688 Score: 21 Expect: 1.8e+02 Matches: 3  
 Forkhead box protein H1 OS=Homo sapiens GN=FOXH1 PE=1 SV=1

**STX6\_HUMAN** Mass: 29215 Score: 20 Expect: 1.8e+02 Matches: 3  
 Syntaxin-6 OS=Homo sapiens GN=STX6 PE=1 SV=1
- K1C12\_HUMAN** Mass: 53592 Score: 34 Expect: 9 Matches: 5  
 Keratin, type I cytoskeletal 12 OS=Homo sapiens GN=KRT12 PE=1 SV=1