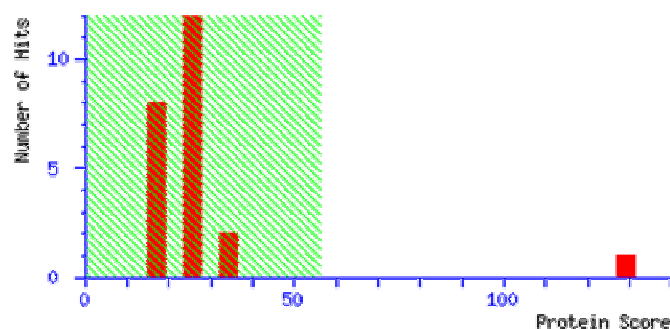


# MATRIX SCIENCE Mascot Search Results

User : Tosifusa Toda  
 Email : ttoda@proteome.jp  
 Search title : TIG3-ssp219  
 Database : SwissProt 2017\_12 (556388 sequences; 199430408 residues)  
 Taxonomy : Homo sapiens (human) (20245 sequences)  
 Timestamp : 25 Dec 2017 at 03:31:11 GMT  
 Top Score : 129 for **VIME\_HUMAN**, Vimentin OS=Homo sapiens GN=VIM PE=1 SV=4

## 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	<a href="#">Help</a>
	Significance threshold $p <$ 0.05	Max. number of hits AUTO
	Preferred taxonomy All entries	

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

- VIME\_HUMAN** Mass: 53676 Score: **129** Expect: 2.5e-09 Matches: 12  
 Vimentin OS=Homo sapiens GN=VIM PE=1 SV=4  
**CALB1\_HUMAN** Mass: 30291 Score: 31 Expect: 15 Matches: 4  
 Calbindin OS=Homo sapiens GN=CALB1 PE=1 SV=2  
**CBX3\_HUMAN** Mass: 20969 Score: 29 Expect: 26 Matches: 4  
 Chromobox protein homolog 3 OS=Homo sapiens GN=CBX3 PE=1 SV=4  
**RGS20\_HUMAN** Mass: 44291 Score: 27 Expect: 42 Matches: 4  
 Regulator of G-protein signaling 20 OS=Homo sapiens GN=RGS20 PE=1 SV=4  
**ZN776\_HUMAN** Mass: 61285 Score: 26 Expect: 56 Matches: 4  
 Zinc finger protein 776 OS=Homo sapiens GN=ZNF776 PE=1 SV=2  
**ZN768\_HUMAN** Mass: 61445 Score: 26 Expect: 57 Matches: 4  
 Zinc finger protein 768 OS=Homo sapiens GN=ZNF768 PE=1 SV=2  
**ZSC31\_HUMAN** Mass: 48233 Score: 24 Expect: 82 Matches: 4  
 Zinc finger and SCAN domain-containing protein 31 OS=Homo sapiens GN=ZSCAN31 PE=1 SV=2  
**RIPL2\_HUMAN** Mass: 24028 Score: 23 Expect: 93 Matches: 3  
 RILP-like protein 2 OS=Homo sapiens GN=RILPL2 PE=1 SV=1  
**CX7B2\_HUMAN** Mass: 9129 Score: 23 Expect: 1.1e+02 Matches: 2  
 Cytochrome c oxidase subunit 7B2, mitochondrial OS=Homo sapiens GN=COX7B2 PE=3 SV=2  
**MECP2\_HUMAN** Mass: 52580 Score: 22 Expect: 1.1e+02 Matches: 4  
 Methyl-CpG-binding protein 2 OS=Homo sapiens GN=MECP2 PE=1 SV=1  
**LMBL4\_HUMAN** Mass: 72046 Score: 22 Expect: 1.4e+02 Matches: 4  
 Lethal(3)malignant brain tumor-like protein 4 OS=Homo sapiens GN=L3MBTL4 PE=1 SV=2  
**KLF7\_HUMAN** Mass: 34082 Score: 21 Expect: 1.5e+02 Matches: 3  
 Krueppel-like factor 7 OS=Homo sapiens GN=KLF7 PE=2 SV=1