

Supplementary data

Supplementary Table 1: List of identified proteins

Band number	Accession Number	Protein Name	Mw/pI	Mascot Score	Coverage Rate	Unique Peptide
1	gi 47224885	unnamed protein product	22.7/9.1	113	10%	M.AAKGVGMANK.G R.TLSALGSLAVTK.D
2	gi 222087971	myosin light chain 3	19.0/4.47	263	38%	R.IVLSTLGEK.M K.GTYDDYVEGLR.V R.ALGQNPTNKDVNK.I R.VFDKEGNGTVMGAELR.I R.VGDSQVAFNQVADIMR.A

Supplementary Table 2: List of homologues protein of protein 1 via a BLAST search.

Accession Number	Protein Name	Total Score	Query Coverage	Positives	E-value
gi 309386893	transgelin 1	348	96%	185/197 (94%)	2×10^{-94}