**Supplementary Table 1**. A list of abbreviations of protein products detected by total RNA transcriptome signature analysis

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| --- | --- |
| Adam-17 | Tumor necrosis factor converting enzyme |
| CCR5 | Chemokine receptor for CCL3, CCL4, Rantes |
| CD24 | Cell adhesion molecule |
| CD44 | Hematopoiesis and metastasis regulator |
| CD45 | Protein tyrosine phosphatase |
| CD86 | T-cell activation and cell survival factor |
| CXCL8 | Interleukin-8, neutrophil chemotactic factor |
| CXCR4 | Receptor for chemokine ligands CXCL12 (SDF-1) |
| DDIT4 | DNA damage inducible protein |
| EpCAM | Epithelial cell adhesion molecule |
| GPα | Interferon-induced G-protein binding |
| IL-1B | Interleukin-1 beta lymphocyte activating factor |
| IL-8 | Chemokine ligand CXCL8 |
| Integrin alpha-IIb beta 3a | Platelet Aggregation factor |
| Integrin alpha-2, beta-1 | Initiates complement factor cascade |
| NFkβ | Protein complex controlling DNA transcription |
| NOTCH-1 | Hematopoietic and metastasis regulator |
| P53AIP1 | Mediator of p53-dependent apoptosis |
| PARP6 | Polymerase for DNA repair and stabilization |
| PDGF-B | Platelet-derived growth factor, mitogen subunit |
| SLCα | Glucose transporter |
| TNF | Tumor necrosis factor |
| SRGN | Hematopoietic proteoglycan for apoptosis |
| UPAR | Urokinase receptor for plasminogen activation system |