Protein contents of MSC-EVs

Source of EVs	Protein	Function
Human bone marrow-derived MSCs	CD13, CD29, CD44, CD73, CD105, CD81, CD63, CD90, CD9	Surface antigen
Human bone marrow-derived MSCs	PDGFRB, EGFR, TGFBI, IGF2R	MSCs self-renewal
Human bone marrow-derived MSCs	CTNNBI, RAC1, RAC2, CHP, PRKCB, PPP2RIA, CAMK2D, PRKACA, CAMK2G	MSCs self-renewal and differentiation, Wnt signaling pathway
Human bone marrow-derived MSCs	PPP2RIA, MAPK1, USP9X, COL1A2, CD105, ENG	MSCs differentiation, TGFβ signaling pathway
Human bone marrow-derived MSCs	FLNA, HSPAB, CACNA2D1, CHP, FLNC, PDGFRB, RAP1B, RRAS2, MAP4K4, EGFR, RRAS, GNG12, RAC1, HSPAIA, CDC42, RAC2, NRAS, MAPKl, CD81, FLNB, HSPBl, PRKCB, PRKACA, RAP1A, GNAI2, CAVI, PRDX2, PPP2RIA, SOD1, ITGA1, LPAR1	MSCs differentiation, MAPK signaling pathway
Human bone marrow-derived MSCs	ILK, FABP5, ACSL4	MSCs differentiation, PPAR signaling pathway
Human bone marrow-derived MSCs	ENG, USP9X	MSCs differentiation, BMP signaling pathway
Human adipose tissue-derived MSCs	Neprilysin	Degrade intracellular and extracellular β-amyloid peptide in neuroblastoma cell lines
Human bone marrow-derived MSCs	TIA, TIAR, HuR	T cell internal antigen
Human bone marrow-derived MSCs	Stau1, Stau2	Involved in the transport and stability of mRNA
Human bone marrow-derived MSCs	Ago2	Involved in the miRNA transport and processing
Human umbilical cord-derived MSCs	Wnt4	Enhance the proliferation and migration
Human umbilical cord-derived MSCs	Angiogenin, IL-6, bFGF, UPAR, VEGF, MCP-1, VEGF R2, IGF-I	Promote angiogenesis

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