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32-13083: CD9 Human

Alternative Name : CD9 antigen, 5H9 antigen, Cell growth-inhibiting gene 2 protein, Leukocyte antigen MIC3, Motility-related protein, CD9, MRP-1, Tetraspanin-29, Tspan-29, p24, MIC3, TSPAN29, GIG2, BTCC-1, DRAP-27, TSPAN-29.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
CD9 which is found on the surface of exosomes is a cell surface glycoprotein which is interacts with integrins and various transmembrane superfamily proteins. CD9 is involved in platelet activation and aggregation and also regulates paranodal junction formation. CD9 takes part in cell adhesion and migration and also promotes muscle cell fusion. CD9 is necessary for the egg-sperm fusion during mammalian fertilization.
CD9 Human Recombinant produced in E. coli is a single polypeptide chain containing 107 amino acids (112-195) and having a molecular mass of 12kDa.CD9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The CD9 solution (0.25mg/1ml) contains Phosphate buffer saline (pH 7.4), 20% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSSHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY ALNCCGLAGG VEQFISDICP KKDVLETFTV KSCPDAIKEV FDNKFHI.

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