

## 32-13741: CD9 Human, Sf9

**Format :** CD9 protein solution (1mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).  
CD9 antigen, 5H9 antigen, Cell growth-inhibiting gene 2 protein, Leukocyte antigen MIC3, Motility-  
**Alternative Name :** related protein, CD9, MRP-1, Tetraspanin-29, Tspan-29, p24, MIC3, TSPAN29, GIG2, BTCC-1, DRAP-27, TSPAN-29

### Description

Source:Sf9, Baculovirus cells.

Physical Appearance: Sterile filtered colorless solution.

Biological Activity: null

CD9 which is found on the surface of exosomes is a cell surface glycoprotein which 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 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 326 amino acids (112-195a.a.) and having a molecular mass of 36.9kDa. CD9 is expressed with a 239 amino acid hlgG-His-Tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 20 µg / 5 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**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 :** ADPSHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY ALNCCGLAGG VEQFISDICP KKDVLFTFTV  
KSCPDIAKEV FDNKFHILEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS  
HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGK EYKCKVSNKA LPAPIEKTIS  
KAKGQPREPQ VYTLPPSRDE LTKNQVSLTCLVKGFYPSDI AVEWESNGQP ENNYKTTTPPV LDSDGSFFLY  
SKLTVDKSRW QGQNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH