

CD9 Humam
Catalog Number PRO-485

Synonyms	CD9 antigen, p24, Leukocyte antigen MIC3, Motility-related protein, MRP-1, Tetraspanin-29, Tspan-29, 5H9 antigen, Cell growth-inhibiting gene 2 protein, CD9, 5H9, BA2, P24, GIG2, MIC3, BTCC-1, DRAP-27, TSPAN29.
Introduction	CD9 antigen is a 24 to 27kD glycoprotein expressed on the surface of developing B lymphocytes, platelets, monocytes, eosinophils, basophils, stimulated T lymphocytes and by neurons and glial cells in the peripheral nervous system. In pre-B cells and platelets, CD9 antigen regulates cell activation aggregation possibly through an association with the integrin CD41/CD61. It also regulates cell motility in a variety of cell lines, and appears to be an important regulator of Schwann cell behaviour in peripheral nerve.
Description	CD9 Human Recombinant full length protein (228 a.a.) expressed in E.coli, shows a 52 kDa band on SDS-PAGE (Including GST which is dused at the N-terminus). The CD9 is purified by proprietary chromatographic techniques.
Source	Escherichia Coli.
Physical Appearance	Sterile Filtered clear solution.
Formulation	CD9 at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.
Applications	<ul style="list-style-type: none"> • ELISA. • Inhibition Assays. • Western Blotting.
Usage	Prospec's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.