

# Active Fluorescent Recombinant Human CD9 Full Length Transmembrane protein, His&GFP-tagged(Nanodisc)

Cat. No. CD9-11H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Active Fluorescent Recombinant Human CD9 Full Length Transmembrane protein(P21926) (Met1-Val228) was expressed in HEK293, with a N-terminal polyhistidine tag followed by a GFP Tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Val228
<b>Form</b>	Supplied as sterile 10 mM Hepes, 50 mM NaCl, pH 7.5.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -70°C or lower. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Bio-activity</b>	Immobilized Recombinant Fluorescent Human CD9-Nanodisc Protein at 5 µg/mL (100 µL/well) can bind Anti-CD9 Monoclonal Antibody, the EC50 is 4-30 ng/mL.
<b>Molecular Mass</b>	The recombinant Human CD9 consists of 477 amino acids and predicts a molecular mass of 53.68 kDa. It migrates as an approximately 51.3 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.

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**Purity** ≥ 80 % as determined by SDS-PAGE.

## GENE INFORMATION

**Official Symbol** [CD9](#)

**Synonyms** MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29; CD9

**Gene ID** [928](#)

**mRNA Refseq** [NM\\_001330312](#)

**Protein Refseq** [NP\\_001317241](#)

**MIM** [143030](#)

**UniProt ID** [A6NNI4](#)

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