Biotinylated Human CD9 Protein-Nanodisc

Cat. No. CD9-HM40NB

Description

Source	Recombinant Biotinylated Human CD9 Protein-Nanodisc is expressed from HEK293 with His tag and Avi tag at the C-terminus.
	It contains Pro2-Val228.
Accession	P21926
Molecular Weight	The protein has a predicted MW of 28.6 kDa.
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

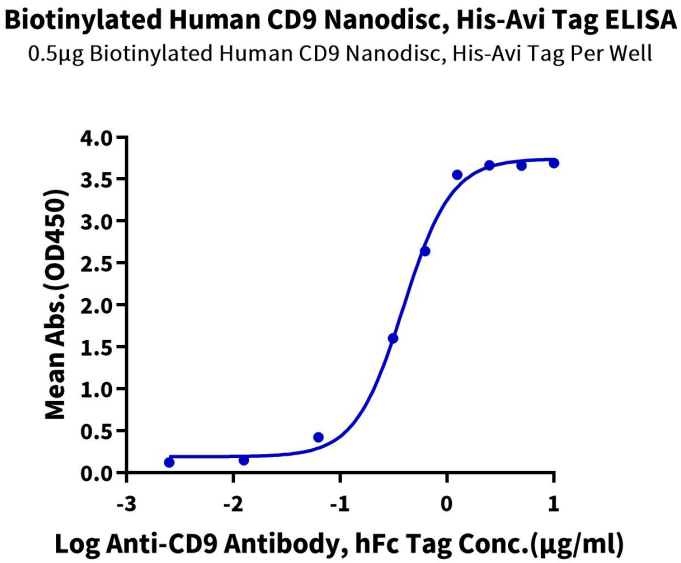
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The tetraspanin CD9 is expressed by all the major subsets of leukocytes (B cells, CD4+ T cells, CD8+ T cells, natural killer cells, granulocytes, monocytes and macrophages, and immature and mature dendritic cells) and also at a high level by endothelial cells. As a typical member of the tetraspanin superfamily, a prominent feature of CD9 is its propensity to engage in a multitude of interactions with other tetraspanins as well as with different transmembrane and intracellular proteins within the context of defined membranal domains termed tetraspanin-enriched microdomains (TEMs).

Assay Data

ELISA Data



Immobilized Biotinylated Human CD9 Nanodisc, His-Avi Tag at 5μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-CD9 Antibody, hFc Tag with the EC50 of 0.39μg/ml determined by ELISA (QC Test).