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Datasheet for ABIN7488844
CD133 Protein-VLP

Overview

Quantity:	100 µg
Target:	CD133 (PROM1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	VLP

Product Details

Purpose:	Human CD133 Full Length Protein (VLP)
Sequence:	Gly 20 - His 865
Characteristics:	Human CD133 Full Length-VLP is expressed from human 293 cells (HEK293). It contains AA Gly 20 - His 865 (Accession # O43490-1).
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	CD133 (PROM1)
Alternative Name:	CD133 (PROM1 Products)
Background:	Prominin-1 is also known as CD133, Antigen AC133, PROM1, PROML1 and MSTP061. Is used as marker for hematopoietic stem and progenitor cells (HSPC) for somatic stem cell isolation. May play a role in cell differentiation, proliferation and apoptosis. Binds cholesterol in cholesterol-containing plasma membrane microdomains and may play a role in the organization of the apical plasma membrane in epithelial cells. During early retinal development

Target Details

acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4

Storage: -80 °C

Storage Comment: -70°C