CD56 (human), (recombinant) (Fc-tag)

CD56, also known as NCAM-1, is a Protein Coding gene. CD56 is a neural adhesion protein (NCAM) that belongs to the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. It is involved in neuron-neuron adhesion, neurite fasciculation and the outgrowth of neurites. It has also been shown to be involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Diseases associated with CD56 include Rabies and Bile Duct Cancer.

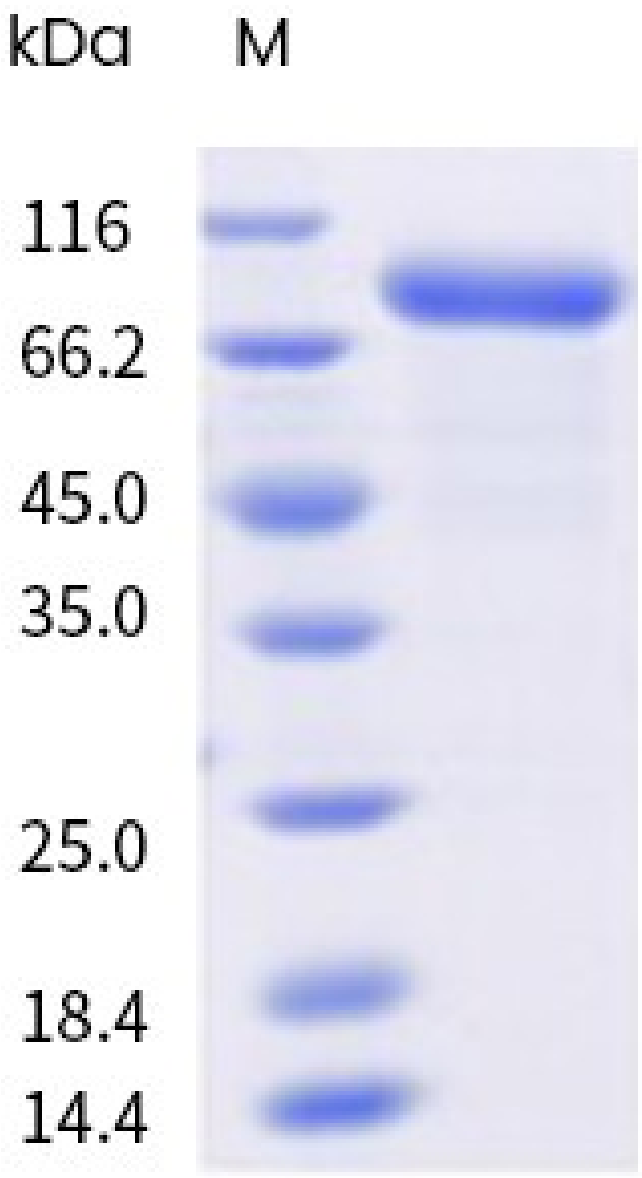
Ordering Information

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ENZ-PRT325-0100	100µg

Manuals, SDS & CofA

View Online »



As a result of glycosylation, the recombinant protein migrates as an approximately 63.8 kDa protein in SDS-PAGE under reducing conditions.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	NCAM-1, Neural cell adhesion molecule 1
Endotoxin Content	<1 EU/µg (LAL method)
Formulation	Lyophilized from sterile 20 mM MES, 150 mM NaCl, 8% Glycerol, 10% Trehalose, pH 6.0.
MW	~83.4 kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute with sterile deionized water. Reconstitution instructions are lot specific.
Source	Produced in HEK293 cells. A DNA sequence encoding the human CD56 (Met1-His340) was expressed with the Fc region of human IgG1 at the C-terminus.
UniProt ID	P43629

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