

CADM2/IGSF4D Protein, Human (HEK293, His)

Cat. No.:	HY-P75599
Synonyms:	Cell adhesion molecule 2; NECL-3; SynCAM 2; IGSF4D
Species:	Human
Source:	HEK293
Accession:	Q8N3J6 (G30-D335)
Gene ID:	253559
Molecular Weight:	Approximately 35.2 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CADM2, also known as IGSF4D, serves as an adhesion molecule facilitating both homo- and heterophilic interactions with other members of the nectin-like family, thereby promoting cell aggregation. This protein holds significance in synapse organization, playing a crucial role in regulated trans-synaptic adhesion. Notably, CADM2 exhibits a preference for binding to oligodendrocytes, emphasizing its involvement in cellular interactions within the nervous system.
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Caution: Product has not been fully validated for medical applications. For research use only.

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