

## CADM4/IGSF4C Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76188
Synonyms:	Cell adhesion molecule 4; NECL-4; IGSF4C; TSLL2
Species:	Human
Source:	HEK293
Accession:	Q8NFZ8 (M1-Y323)
Gene ID:	199731
Molecular Weight:	Approximately 60.1 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ 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/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> 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	The CADM4/IGSF4C Protein plays a crucial role in cell-cell adhesion, demonstrating calcium- and magnesium-independent adhesion activity. This protein, with its monomeric and homodimeric forms, actively participates in mediating cellular interactions. Beyond its adhesive functions, CADM4/IGSF4C is speculated to possess tumor-suppressor activity, suggesting a potential role in regulating cell growth and suppressing tumorigenic processes. The dual attributes of mediating cell-cell adhesion and potentially exerting tumor-suppressive effects underscore the multifaceted nature of CADM4/IGSF4C in cellular processes.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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