Rev03
Update: Aug,08,2025

DATASHEET

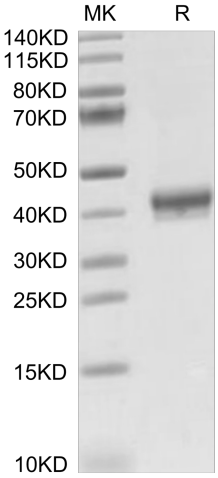
CADM3, His, Human

Cat. No.: Z05107

Product Introduction

Species	Human
Protein Construction	CADM3 (Asn25-Tyr329) Accession # Q8N126-1 — His N-term C-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	34.6 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 38-45 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



CADM3, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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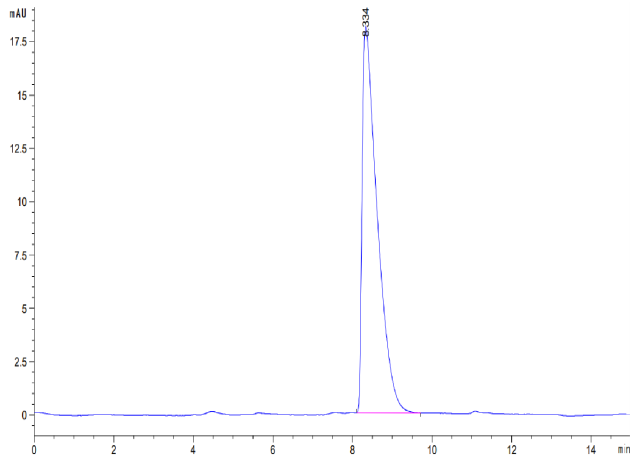

The purity of CADM3, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Cell adhesion molecules belonging to the Cadm family, and in particular Cadm3 (axonal) and its heterophilic binding partner Cadm4 (Schwann cell), mediate these interactions along the internode.over-expressing Cadm3 on the surface of DRG neuron axons results in an almost complete inability by Schwann cells to form myelin segments. Axons of superior cervical ganglion (SCG) neurons, which do not normally support the formation of myelin segments by Schwann cells, express higher levels of Cadm3 compared to DRG neurons.

Synonyms : IgSF4B; NECL-1; SynCAM3; GSF4B; NECL1; TSLL1; CADM3; BIgR; IGSF4B; member 4B; TSLC1-like 1

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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