

Recombinant Human NECTIN4 Protein, His-tagged

Cat. No. NECTIN4-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human nectin cell adhesion molecule 4(NECTIN4)(NM_030916) protein, with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.383, without any preservatives.
Molecular Mass	55.3 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION

Gene Name NECTIN4 nectin cell adhesion molecule 4 [Homo sapiens (human)]

Official Symbol NECTIN4

Synonyms

EDSS1; Ig superfamily receptor LNIR; LNIR; LNIRnectin 4; Nectin4; Nectin-4; poliovirus receptor-related 4; poliovirus receptor-related protein 4; PRR4; PRR4DKFZp686K05193; PVRL4

Gene ID 81607

mRNA Refseq NM_030916

Protein Refseq NP_112178

MIM 609607

UniProt ID Q96NY8

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