

Recombinant Human NECTIN4 Protein, His&T7 tagged, Biotinylated

Cat. No. NECTIN4-8049HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant Human NECTIN4 Protein (31-317 aa) with His&T7 tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-317 aa
Conjugation/Label	Biotin
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.
Molecular Mass	35 kDa
AASequence	MHHHHHHHHHHSSGLVPRGSHMASMTGGQQMGRGSAGELETSDVVTVVLGQDA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KLPCFYRGDSGEQVGQVAWARVDAGEGAQELALLHSKYGLHVSPAYEGRVEQPPP
 PRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQARLRLRVLPPLPSLNPGPAL
 EEGQGLTLAASCTAEGSPAPSVTWDETVKGTSSRSFKHSRSAAVTSEFHLVPSRS
 MNGQPLTCVVSHPGLLQDQRITHILHVSFLAEASVRGLEDQNLWHIGREGAMLKCLS
 EGQPPPSYNWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHV

Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.25 mg/mL by BCA
Storage Buffer	Sterile PBS, pH7.4, 0.01% SKL
Labeling Efficiency	2.49 by HABA

GENE INFORMATION

Gene Name	NECTIN4 nectin cell adhesion molecule 4 [Homo sapiens (human)]
Official Symbol	NECTIN4
Synonyms	NECTIN4; nectin cell adhesion molecule 4; LNIR; PRR4; EDSS1; PVRL4; nectin-4; nectin-4; Ig superfamily receptor LNIR; nectin 4; poliovirus receptor-related 4; poliovirus receptor-related protein 4
Gene ID	81607

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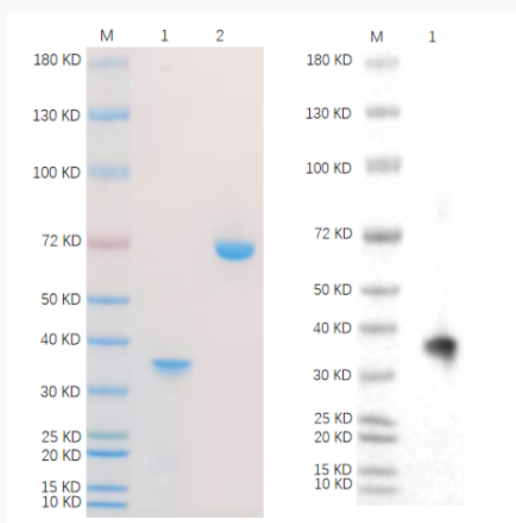
mRNA Refseq NM_030916

Protein Refseq NP_112178

MIM 609607

UniProt ID Q96NY8

SDS-PAGE and WB



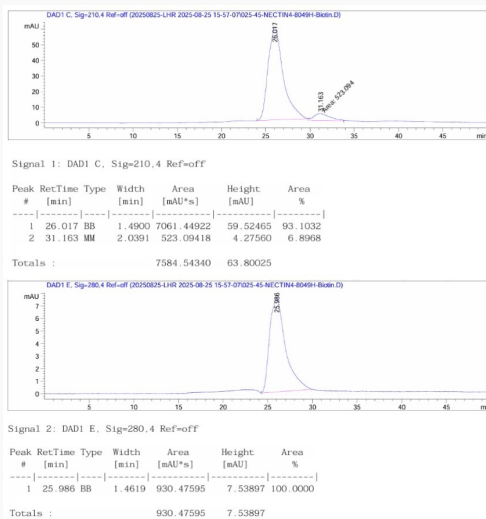
Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified NECTIN4. 1. NECTIN4: 1 µg 2. BSA: 1 µg

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SEC-HPLC analysis profiles of purified NECTIN4.



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