

Recombinant Full Length Human NECTIN4 Protein, C-Flag-tagged

Cat. No. NECTIN4-1064HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NECTIN4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian 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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.3 kDa
AA Sequence	MPLSLGAEMWGPEAWLLLLLLLLLASFTGRCPAGELETSDVVTVVLGQDAKLPCFYRG DSGEQVGQVAWARV DAGEGAQELALLHSKYGLHVSPAYEGRVEQPPPPRNPLDG SVLLRNAVQADEGEYECRVSTFPAGSFQAR LRLRVLPPLPSLNPGLPALEEGQGLT

 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

LAASCTAEGSPAPSVTWDETEVKGTTSSRSFKHSRSAAVTSEFHL VPSRSMNGQPL
 TCVVSHPGLLQDQRITHILHVSFLAEASVRGLEDQNLWHIGREGAMLKCLSEGQPPP
 SY NWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHVSNEFSSRDSQVTVDVLD
 PQEDSGKQVDLVSASV VVGVIAALLFCLLVVVVVLMSRYHRRKAQQMTQKYEEEL
 TLTRENSIRRLHSHHTDPRSQPPEESVGLRA EGHPDSLKDNSSCSVMSEEPEGRSY
 STLTTVREIETQTELLSPGSGRAEEEEEDQDEGIKQAMNHFVQENG
 TLRAKPTGNGIYINGRGLVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Adherens junction
Full Length	Full L.

GENE INFORMATION

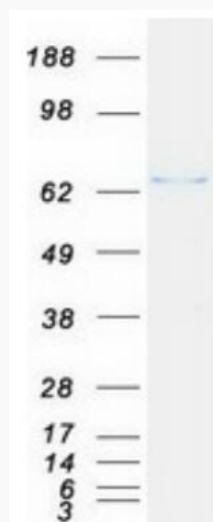
Gene Name	NECTIN4 nectin cell adhesion molecule 4 [Homo sapiens (human)]
Official Symbol	NECTIN4

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Synonyms	LNIR; PRR4; EDSS1; PVRL4; nectin-4
Gene ID	81607
mRNA Refseq	NM_030916.3
Protein Refseq	NP_112178.2
MIM	609607
UniProt ID	Q96NY8



Coomassie blue staining of purified NECTIN4 protein.