

Recombinant Human NECTIN1 Protein (Gln31-Thr334), C-His tagged

Cat. No. NECTIN1-3747H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NECTIN1 (Gln31-Thr334) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln31-Thr334
Description	This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium (2+) -independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P) . Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini.
Form	Lyophilized powder/frozen liquid
Molecular Mass	33.44 kDa

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Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	NECTIN1 nectin cell adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	NECTIN1
Synonyms	NECTIN1; nectin cell adhesion molecule 1; ED4; PRR; HIgR; HV1S; HVEC; OFC7; PRR1; PVRR; CD111; PVRL1; PVRR1; SK-12; CLPED1; nectin-1; nectin-1; ectodermal dysplasia 4 (Margarita Island type); herpes simplex virus type 1 sensitivity; herpes virus entry mediator C; herpesvirus Ig-like receptor; nectin 1; poliovirus receptor-like 1; poliovirus receptor-related 1 (herpesvirus entry mediator C); poliovirus receptor-related protein 1
Gene ID	5818
mRNA Refseq	NM_002855

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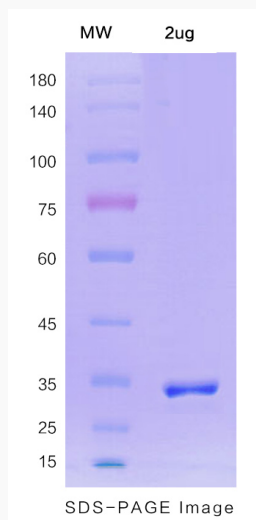
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Protein Refseq NP_002846

MIM 600644

UniProt ID Q15223

SDS-PAGE



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