

## Product datasheet

# Recombinant Human Nectin 3 protein ab221024

1 Image

### Description

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<b>Product name</b>	Recombinant Human Nectin 3 protein	
<b>Purity</b>	> 95 % SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<a href="#">Q9NQS3</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>GPIVEPHVTAVWGKNVSLKCLIEVNETITQISWEKIHGKSS            QTVAVHHP            QYGFVQGEYQGRVLFKNYSLNDATITLHNIGFSDSGKYIC            KAVTFPLGN            AQSSTTVTLVEPTVSLIKGPDSLIDGGNETVAAICIAATGK            PVAHIDWE            GDLGEMESTTTSFPNETATIISQYKLFPTRFARGRRITCVVK            HPALEKDI            RYSFILDIQYAPEVSVTGYDGNWVFGVGRKGVNLKCNADANP            PPFKSVWSRL            DGQWPDGLLASDNTLHFVHPLTFNYSGVYICKVTNSLGQR            SDQKVMSD            PPTTTTLQPTIQWHPSTADIEDLATEPKKLPFPLSTLATIKD            D</p>	
<b>Predicted molecular weight</b>	40 kDa including tags	
<b>Amino acids</b>	58 to 400	
<b>Tags</b>	His tag C-Terminus	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab221024** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Lyophilized

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 95% PBS, 5% Trehalose

Lyophilized from 0.22 µm filtered solution.

**Reconstitution** Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

## General Info

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**Function** Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/nectin-2 at Sertoli-spermatid junctions. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.

**Tissue specificity** Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines.

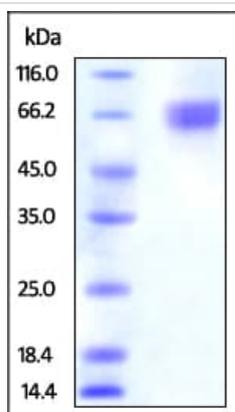
**Sequence similarities** Belongs to the nectin family.  
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.  
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**Cellular localization** Cell membrane.

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## Images

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SDS-PAGE analysis of reduced ab221024 stained overnight with Coomassie Blue.

The reducing protein migrates as 60-75 kDa in SDS-PAGE due to glycosylation.

SDS-PAGE - Recombinant Human Nectin 3 protein  
(ab221024)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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