

Datasheet for ABIN2712504

**Corin Protein (Myc-DYKDDDDK Tag)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	20 µg
Target:	Corin (CORIN)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Corin protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human CORIN protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	Corin (CORIN)
Alternative Name:	Corin ( <a href="#">CORIN Products</a> )
Background:	<p>This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains.</p> <p>The encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. Multiple alternatively spliced</p>

## Target Details

transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 116.3 kDa

NCBI Accession: [NP\\_006578](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

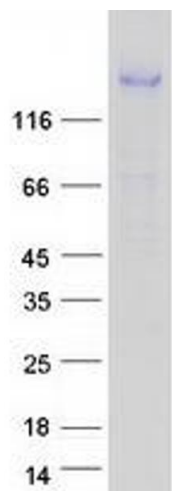
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: De Franceschi, Peuhu, Parsons, Rissanen, Vattulainen, Salmi, Ivaska, Pouwels: "Mutually Exclusive Roles of SHARPIN in Integrin Inactivation and NF-κB Signaling." in: **PLoS ONE**, Vol. 10, Issue 11, pp. e0143423, (2015) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot