

Datasheet for ABIN5505617  
**DDR1 Protein (DYKDDDDK Tag)**



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1 Image

## Overview

Quantity:	20 µg
Target:	DDR1
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDR1 protein is labelled with DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Purified recombinant protein of Human discoidin domain receptor tyrosine kinase 1 (DDR1), transcript variant 1, full length, with C-terminal DDK tag, expressed in sf9, 20 µg (full length, C-term DDK tag, transcript variant 1) protein expressed in Sf9 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
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Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	DDR1
Alternative Name:	discoidin domain receptor tyrosine kinase 1 ( <a href="#">DDR1 Products</a> )
Background:	Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation

## Target Details

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and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

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Molecular Weight: 97 kDa

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NCBI Accession: [NP\\_001945](#)

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Pathways: [RTK Signaling, Smooth Muscle Cell Migration](#)

## Application Details

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

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

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Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

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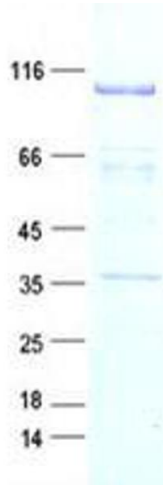
Buffer: 50 mM Tris-HCl, pH 8.0, 100 mM glycine, 10 % glycerol

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Storage: -80 °C

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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.



### Western Blotting

**Image 1.** Validation with Western Blot