

## Recombinant Rat Ddr2 protein(Met1-Arg399), His-tagged

**Cat. No.** Ddr2-8783R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ddr2 protein(B1WC09)(Met1-Arg399), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg399
<b>similar</b>	Ddr2
<b>Alias</b>	DDR2; discoidin domain receptor tyrosine kinase 2; discoidin domain-containing receptor 2; CD167b antigen; tyrosine-protein kinase TYRO 10; receptor protein-tyrosine kinase TKT; discoidin domain receptor family, member 2; neurotrophic tyrosine kinase, receptor-related 3; Tyro10;
<b>Conjugate</b>	C-His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant rat DDR2 comprises 387 amino acids and predicts a molecular mass of 43.9 kDa. The apparent molecular mass of the recombinant protein is

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	approximately 58 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	Ddr2 discoidin domain receptor tyrosine kinase 2 [ Rattus norvegicus ]
<b>GeneNameWeblink</b>	<a href="#">685781</a>
<b>OfficialSymbol</b>	Ddr2
<b>OfficialSymbolWeblink</b>	<a href="#">685781</a>
<b>GeneID</b>	685781
<b>GeneIDWeblink</b>	<a href="#">685781</a>
<b>mRNARefseq</b>	NM_031764
<b>mRNARefseqWeblink</b>	<a href="#">NM_031764.3</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_113952.2</a>

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<b>MIMWeblink</b>	
<b>UniProtID</b>	
<b>UniProtIDWeblink</b>	
<b>GENE INFORMATION</b>	
<b>Synonyms</b>	DDR2; discoidin domain receptor tyrosine kinase 2; discoidin domain-containing receptor 2; CD167b antigen; tyrosine-protein kinase TYRO 10; receptor protein-tyrosine kinase TKT; discoidin domain receptor family, member 2; neurotrophic tyrosine kinase, receptor-related 3; Tyro10;
<b>MIM</b>	

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