

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

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

SPECIFICATION

Product Overview	Recombinant Rat Ddr2 protein(B1WC09)(Met1-Arg399), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg399
similar	Ddr2
Alias	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;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.
GeneName	Ddr2 discoidin domain receptor tyrosine kinase 2 [Rattus norvegicus]
GeneNameWeblink	685781
OfficialSymbol	Ddr2
OfficialSymbolWeblink	685781
GenelD	685781
GenelDWeblink	685781
mRNARefseq	NM_031764
mRNARefseqWeblink	NM_031764.3
ProteinRefseqWeblink	NP_113952.2

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MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	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;
MIM	

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