

## Recombinant Rat Ddr1, His tagged

**Cat. No.** Ddr1-8808R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ddr1 (Q6MG19) (Met1-Thr413), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-413 a.a.
<b>Predicted N Terminal</b>	Asp 20
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat DDR1 comprises 405 amino acids and predicts a molecular mass of 45.3 kDa. The apparent molecular mass of the recombinant protein is approximately 52 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>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	Ddr1 discoidin domain receptor family, member 1 [ Rattus norvegicus ]
<b>Official Symbol</b>	Ddr1
<b>Gene ID</b>	116795

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