

Recombinant Rat Ddr1, His tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Ddr1 (Q6MG19) (Met1-Thr413), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-413 a.a.
Predicted N Terminal	Asp 20
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	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

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

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