

## Recombinant Mouse Ddr1 protein, His-tagged

**Cat. No.** Ddr1-1150M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ddr1 protein(Q03146-1)(Met1-Thr414), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr414
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant mouse DDR1 comprises 406 amino acids and has a calculated molecular mass of 45.4 kDa. As a result of glycosylation, the apparent molecular mass of rm DDR1 is approximately 50 kDa in SDS-PAGE under reducing conditions.
<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>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

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

Ddr1 discoidin domain receptor family, member 1 [ *Mus musculus* ]

**Official Symbol**

Ddr1

**Synonyms**

DDR1; discoidin domain receptor family, member 1; epithelial discoidin domain-containing receptor 1; tyrosine kinase DDR; cell adhesion kinase; tyrosine-protein kinase CAK; protein-tyrosine kinase MPK-6; CD167 antigen-like family member A; discoidin receptor tyrosine kinase; epithelial discoidin domain receptor 1; Cak; Nep; PTK3A; CD167a; AI323681; 6030432F18;

**Gene ID**

12305

**mRNA Refseq**

NM\_001198831

**Protein Refseq**

NP\_001185760

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