

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

Cat. No. Ddr2-773M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DDR2 (NP_072075.2) (Met 1-Arg 399) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-399 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse DDR2 consists of 387 amino acids and has a predicted molecular mass of 43.88 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm DDR2 is approximately 80-90 kDa 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. > 85 % as determined by SEC-HPLC
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

 Tel: 1-631-559-9269 1-516-512-3133

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

GENE INFORMATION

Gene Name	Ddr2 discoidin domain receptor family, member 2 [Mus musculus]
Official Symbol	Ddr2
Synonyms	DDR2; discoidin domain receptor family, member 2; discoidin domain-containing receptor 2; discoidin domain receptor 2; tyrosine-protein kinase TYRO10; CD167 antigen-like family member B; receptor protein-tyrosine kinase TKT; neurotrophic tyrosine kinase, receptor-related 3; Ntrkr3; tyro10; AW495251;
Gene ID	18214
mRNA Refseq	NM_022563
Protein Refseq	NP_072075

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