

Active Recombinant Rhesus DDR2 protein(Met1-Arg399), hFc-tagged

Cat. No. DDR2-121R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus DDR2 (XP_001118219.1) (Met1-Arg399) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Arg399
Form	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized Rat tail Collagen I at 10 µg/mL (100 µL/well) can bind Rhesus DDR2-Fc. The EC50 of Rhesus DDR2-Fc is 0.23-0.55µg/mL.
Molecular Mass	The recombinant rhesus DDR2 comprises 619 amino acids and has a calculated molecular mass of 69.7 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

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