

Active Recombinant Mouse Ddr2 Protein, Fc Chimera

Cat. No. Ddr2-745M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ddr2 (Accession # NP_072075), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Gln24 predicted: No results obtained, sequencing might be blocked
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Collagen I at 10 µg/mL (100 µL/well) can bind Recombinant Mouse DDR2 Fc Chimera with an apparent KD <10 nM. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Ddr2, Fc Chimera has a calculated MW of 69.6 kDa (monomer). In SDS-PAGE migrates as 80-90 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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](#)**MIM** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA