

Active Recombinant Mouse Ddr1 protein(Leu444-Val874), His&GST-tagged

Cat. No. Ddr1-7402M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DDR1 (Q03146-2) (Leu444-Val874) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Leu444-Val874
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol, 2mM DTT.
Bio-activity	The specific activity was determined to be 2 nmol/min/mg using synthetic modified AXLtide peptide (modified-CKKSRGDYMTMQIG) as substrate.
Molecular Mass	The recombinant mouse DDR1/GST chimera consists of 668 amino acids and has a calculated molecular mass of 75.8kDa. The recombinant protein migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.
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. 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.

Concentration Please refer to the hard copy of CoA.

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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