

Active Recombinant Human DDR2 Protein, GST-His-tagged

Cat. No. DDR2-2456H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DDR2 Protein(Q16832) (Arg422-Glu855) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	422-855 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol.
Bio-activity	The specific activity was determined to be 8 nmol/min/mg using synthetic AXLtide peptide(CKKSRGDYMTMQIG) as substrate.
Molecular Mass	The recombinant human DDR2 /GST chimera consists of 671 amino acids and has a calculated molecular mass of 77.1 kDa. The recombinant protein migrates as an approximately 77 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

 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

thaw cycles.

Concentration 0.2-1.0 mg/mL.

GENE INFORMATION

Gene Name [DDR2 discoidin domain receptor tyrosine kinase 2 \[Homo sapiens \]](#)

Official Symbol [DDR2](#)

Synonyms

DDR2; discoidin domain receptor tyrosine kinase 2; discoidin domain receptor family, member 2 , NTRKR3, TYRO10; discoidin domain-containing receptor 2; TKT; tyrosylprotein kinase; hydroxyaryl-protein kinase; discoidin domain receptor 2; tyrosine-protein kinase TYRO10; CD167 antigen-like family member B; cell migration-inducing protein 20; migration-inducing gene 16 protein; receptor protein-tyrosine kinase TKT; discoidin domain receptor family, member 2; neurotrophic tyrosine kinase receptor related 3; neurotrophic tyrosine kinase, receptor-related 3; discoidin domain-containing receptor tyrosine kinase 2; MIG20a; NTRKR3; TYRO10;

Gene ID [4921](#)

mRNA Refseq [NM_001014796](#)

Protein Refseq [NP_001014796](#)

MIM [191311](#)

UniProt ID [Q16832](#)

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