

Recombinant Human DDR2, GST-tagged, Active

Cat. No. DDR2-294H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DDR2 (467-end) was expressed by baculovirus in <i>Sf9</i> insect cell/susing an N-terminal GST tag. MW=70 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	467-end a.a.
Description	DDR2 is a member of a novel subclass of RTKs containing a distinct extracellular region encompassing a factor VIII-like domain and is thought to be involved in the regulation of cell growth, differentiation, and metabolism. DDR2 plays a role in the regulation of collagen turnover mediated by smooth muscle cells in obstructive diseases of blood vessels and the lung.
Sequence	467-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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Gene Name	DDR2 discoidin domain receptor tyrosine kinase 2 [Homo sapiens]
Synonyms	DDR2; discoidin domain receptor tyrosine kinase 2; TKT; MIG20a; NTRKR3; TYRO10; DDR2; discoidin domain receptor family, member 2; tyrosylprotein kinase; hydroxyaryl-protein kinase; cell migration-inducing protein 20; migration-inducing gene 16 protein; neurotrophic tyrosine kinase receptor related 3; EC 2.7.10.1; OTTHUMP00000032332; OTTHUMP00000038368; CD167 antigen-like family member B; CD167b antigen; Discoidin domain receptor 2; Neurotrophic tyrosine kinase, receptor-related 3; Receptor protein-tyrosine kinase TKT; Tyrosine-protein kinase TYRO10
Gene ID	4921
mRNA Refseq	NM_001014796
Protein Refseq	NP_001014796
MIM	191311
UniProt ID	Q16832
Chromosome Location	1q23.3
Function	transmembrane receptor protein tyrosine kinase activity; ATP binding; nucleotide binding; protein binding; receptor activity; transferase activity