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*Sf9 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

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