

Active Recombinant Human DDR1 protein, His&GST-tagged

Cat. No. DDR1-7297H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DDR1 protein(Q08345-1) (Arg444-Val913) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	444-913 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol, 3mM DTT.
Bio-activity	The specific activity was determined to be 2.75 nmol/min/mg using synthetic AXLtide peptide(CKKSRGDYMTMQIG) as substrate.
Molecular Mass	The recombinant human DDR1 /GST chimera consists of 707 amino acids and has a calculated molecular mass of 80 kDa. The recombinant protein migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 89 % 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-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

DDR1 discoidin domain receptor tyrosine kinase 1 [Homo sapiens]

Official Symbol

DDR1

Synonyms

DDR1; discoidin domain receptor tyrosine kinase 1; CAK, discoidin domain receptor family, member 1 , EDDR1, NEP, NTRK4, PTK3A; epithelial discoidin domain-containing receptor 1; CD167; RTK6; tyrosine kinase DDR; cell adhesion kinase; mammary carcinoma kinase 10; tyrosine-protein kinase CAK; protein-tyrosine kinase RTK-6; neuroepithelial tyrosine kinase; PTK3A protein tyrosine kinase 3A; CD167 antigen-like family member A; neurotrophic tyrosine kinase, receptor, type 4; CAK; DDR; NEP; HGK2; PTK3; TRKE; EDDR1; MCK10; NTRK4; PTK3A;

Gene ID

780

mRNA Refseq

NM_001202521

Protein Refseq

NP_001189450

MIM

600408

UniProt ID

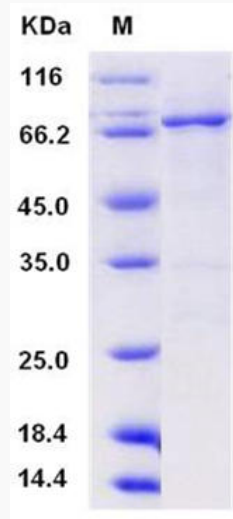
Q08345

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SDS-PAGE



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