

Recombinant Human DDR1 protein(21-417aa), His-tagged

Cat. No. DDR1-5432H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDR1 protein(Q08345)(21-417aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-417aa
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human DDR1 at 2 µg/mL can bind Anti-DDR1 recombinant antibody (CSB-RA006595MA1HU), the EC50 is 2.824-3.810 ng/mL.
Molecular Mass	46.8 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

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 45-1 Ramsey Road, Shirley, NY 11967, USA

contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

```
DMKGFHDPKCRYALGMQDRTIPDSISASSSWSDESTAARHSRLESSDGDGAWCP
AGSVFPKEEYEQVLDLQRLHLVALVGTQGRHAGGLGKEFSRSYRLRYSRDGRRWM
GWKDRWGQEVISGNEDPEGVVLKDLGPPMVARLVRFYPRADRVMSVCLRVELYG
CLWRDGLLSYTPVGGQTMYLSEAVYLNDSYDGHVGGGLQYGGGLGQLADGVVGLD
DFRKSQELRVWPGYDYVGSNHSFSSGYVEMEFDFRLRAFQAMQVHCNNMHTL
GARLPGGVECRFRRGPAWAWEGEPMRHNLGGNLGDPRARAVSVPLGGRVARFLQ
CRFLFAGPWLLFSEISFISDVVNNSSPALGGTFPPAPWPPGPPPTNFSSLELEPRG
QQPVAKAEGSPTA
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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](#)

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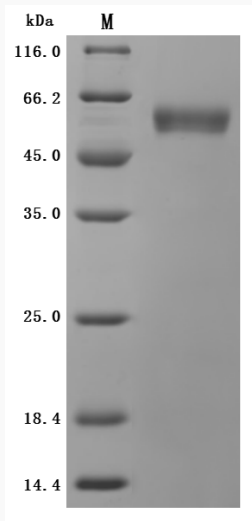
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Protein Refseq NP_001189450

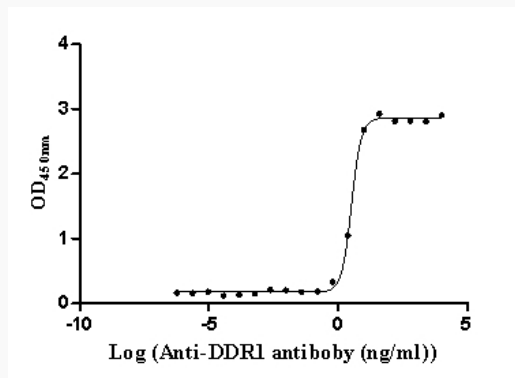
MIM 600408

UniProt ID Q08345

SDS-PAGE



Activity



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