

## Recombinant Human DDR1 Protein, hlgG-His-tagged

Cat. No. DDR1-220H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DDR1(21-417aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	21-417aa
<b>Description</b>	DDR1, also known as epithelial discoidin domain-containing receptor 1 isoform 2, is a transmembrane glycoprotein that belongs to the discoidin-like domain containing subfamily of receptor tyrosine kinases. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. DDR1 oligomerization enhances collagen binding and also modulates collagen fibrillogenesis.
<b>Predicted N Terminal</b>	Asp 21
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	71.0kDa (636aa) 70-100KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	DMKGFHDPK CRYALGMQDR TIPDSDISAS SSWSDSTAAR HSRLESSDGD GAWCPAGSVF PKEEEYLQVD LQRLHLVALV GTQGRHAGGL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

GKEFSRSYRL RYSRDGRRWM GWKDRWGQEV ISGNEDPEGV VLKDLGPPMV  
 ARLVRFYPRA DRVMSVCLRV ELYGCLWRDG LLSYTAPVGQ  
 TMYLSEAVYL NDSTYDGHTV GGLQYGGLGQ LADGVVGLDD FRKSQELRYV  
 WPGYDYVGWS NHSFSSGYVE MEFEFDRLRA FQAMQVHCNN  
 MHTLGARLPG GVECFRFRGP AMAWEGEPMR HNLGGNLGDP RARAVSVPLG  
 GRVARFLQCR FLFAGPWLLF SEISFISDVV NNSSPALGGT  
 FPPAPWWPPG PPPTNFSSLE LEPRGQQPVA KAEGSPTALE PKSCDKTHTC  
 PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV  
 SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG  
 KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD  
 ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGDSFFL  
 YSKLTVDKSR WQQGNVFCSC VMHEALHNHY TQKSLSLSPG  
 KHHHHHH

**Purity** > 90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Absorbance at 280)

## 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

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;

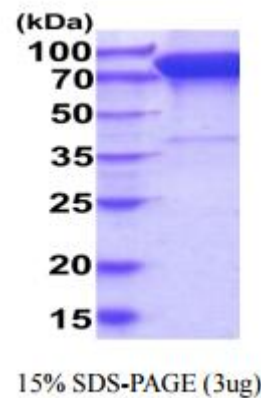
**Gene ID** 780

**mRNA Refseq** NM\_013993

**Protein Refseq** NP\_054699

**MIM** 600408

**UniProt ID** Q08345



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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