

Discoidin Domain Receptor Family, Member 1 (DDR1) Recombinant Protein | DDR1 recombinant protein

Recombinant Discoidin Domain Receptor Family, Member 1 (DDR1)

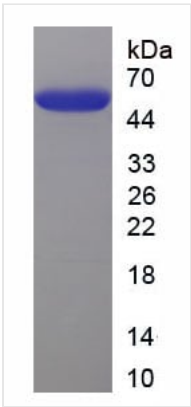
CATALOG # AAA152121	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Discoidin Domain Receptor Family; Member 1 (DDR1); Recombinant Discoidin Domain Receptor Family; DDR1/Discoidin Domain Receptor Family; Member 1; CD167a; CAK; DDR; EDDR1; MCK10; NEP; NTRK4; PTK3; PTK3A; RTK6; TRKE; Cell adhesion kinase; Epithelial discoidin domain receptor 1; Mammary carcinoma kinase 10; DDR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Asp21~Ala4 17
Applicable Applications for DDR1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.7
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane, Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Sequence

DMKGHFDPAK CRYALGMQDR TIPDSDISAS
SSWSDSTAAR HSRLESSDGD GAWCPAGSVF PKEEYLVQD LQRLHLVALV
GTQGRHAGGL GKEFSRSYRL RYSRDGRRWM GWKDRWGQEV ISGNEDPEGV
VLKDLGPPMV ARLVRFYPRA DRVMSVCLRV ELYGCLWRDG LLSYTAPVGQ
TMYLSEAVYL NDSTYDQHTV GGLQYGGGQ LADGVVGLDD FRKSQELRW
PGVDYVGWSN HSFSSGVVEM EFEFRLRAF QAMQVHCNNM HTLGARLPGG
VECRFRGPA MAWEGEPMRH NLGGNLGDPR ARAVSVPGLG RVARFLQCRF
LFAGPWLLFS EISFISDVVN NSSPALGGTF PPAPWPPGP PPTNFSLEL
EPRGQPVAK AEGSPTA

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for DDR1 recombinant protein	CD & Adhesion molecule; Tumor immunity; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	321400059
NCBI GeneID	780
NCBI Accession #	NP_001189450.1
NCBI GenBank Nucleotide #	NM_001202521.1
UniProt Accession #	Q08345; Q14196; Q16562; Q2L6H3; Q4LE50; Q5ST11; Q5ST12; Q6NSK4; Q9UD35; B5A975; B5A976; B7Z2K0
Molecular Weight	101,128 Da
NCBI Official Full Name	epithelial discoidin domain-containing receptor 1 isoform 4
NCBI Official Synonym Full Names	discoidin domain receptor tyrosine kinase 1
NCBI Official Symbol	DDR1
NCBI Official Synonym Symbols	CAK; DDR; NEP; HGK2; PTK3; RTK6; TRKE; CD167; EDDR1; MCK10; NTRK4; PTK3A
NCBI Protein Information	epithelial discoidin domain-containing receptor 1; 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
UniProt Protein Name	Epithelial discoidin domain-containing receptor 1
UniProt Gene Name	DDR1
UniProt Synonym Gene Names	CAK; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE; Epithelial discoidin domain receptor 1; MCK-10
UniProt Entry Name	DDR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.