

Datasheet for ABIN6388104

DDR1 Protein (AA 21-417) (hIgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	DDR1
Protein Characteristics:	AA 21-417
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDR1 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	DMKGHFDPK CRYALGMQDR TIPDSDISAS SSWSDSTAAR HSRLESSDGD GAWCPAGSVF PKEEYLQVD LQRLHLVALV GTQGRHAGGL GKEFSRSYRL RYSRDGRRWM GWKDRWGQEV ISGNEDPEGV VLKDLGPPMV ARLVRFYPRA DRVMSVCLRV ELYGCLWRDG LLSYTAPVGQ TMYLSEAVYL NDSTYDGHTV GGLQYGGLGQ LADGVVGLDD FRKSQELRYV WPGYDYVGWS NHSFSSGYVE MEFEFDRRLRA FQAMQVHCNN MHTLGARLPG GVECRFRRGP 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 PENNYKTPPP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHHH
Purity:	> 90% by SDS-PAGE

Product Details

Endotoxin Level: < 1 EU per 1ug of protein (determined by LAL method)

Target Details

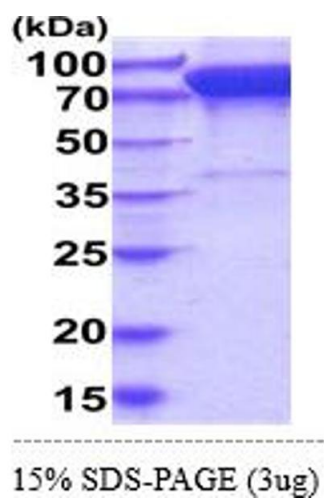
Target:	DDR1
Alternative Name:	DDR1 (DDR1 Products)
Background:	DDR1, also known as epithelial discoidin domain-containing receptor 1 isoform 2, is a transmembrane glycoprotein that belongs to the discoidin-like domain containing subfamily of receptor tyrosine kinases. Expression of this protein is restricted 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. Recombinant human DDR1 protein, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	71kDa (636aa)
NCBI Accession:	NP_054699
UniProt:	Q08345
Pathways:	RTK Signaling, Smooth Muscle Cell Migration

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.