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32-6962: DDR1 Human

Alternative Name :	Discoidin Domain Receptor Tyrosine Kinase 1, CD167 Antigen-Like Family Member A, Protein-Tyrosine Kinase RTK-6, Mammary Carcinoma Kinase 10, Tyrosine-Protein Kinase CAK, Cell Adhesion Kinase, Tyrosine Kinase DDR, EC 2.7.10.1, EDDR1, NTRK4, PTK3A, HGK2, RTK6, TRKE, CAK, NEP, Neurotrophic Tyrosine Kinase, Receptor, Type 4, Discoidin Domain Receptor Family, Member 1, Epithelial Discoidin Domain Receptor 1, Discoidin Receptor Tyrosine Kinase, PTK3A Protein Tyrosine Kinase 3A, Neuroepithelial Tyrosine Kinase, Protein-Tyrosine Kinase 3A, CD167a Antigen, EC 2.7.10, MCK-10, CD167, MCK10, TRK E, PTK3, DDR.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Discoidin Domain Receptor Tyrosine Kinase 1 (DDR1) is a transmembrane glycoprotein which is a part of the discoidin-like domain containing subfamily of receptor tyrosine kinases. DDR1 functions as cell surface receptor for fibrillar collagen and regulates cell attachment to the extracellular matrix, remodeling of the extracellular matrix, cell migration, differentiation, survival and cell proliferation. DDR1 is expressed in epithelial cells, mainly in the kidney, lung, gastrointestinal tract, and brain and is significantly overexpressed in several human tumors.
DDR1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 636 amino acids (21-417a.a.) and having a molecular mass of 71.0kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).DDR1 is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	DDR1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	DMKGHFDPAK CRYALGMQDR TIPDSDISAS SSWSDSTAAR HSRLESSDGD GAWCPAGSVF PKEEEYLQVD LQRLHLVALV GTQGRHAGGL GKEFSRSYRL RYSRDGRRWM GWKDRWGQEV ISGNEDPEGV VLKDLGPPMV ARLVRFYPRA DRVMSVCLRV ELYGCLWRDG LLSYTAPVGQ TMYLSEAVYL NDSTYDGHTV GGLQYGGLGQ LADGVVGLDD FRKSQELRYV WPGYDYVGWS NHSFSSGYVE MEFEFDRLRA 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 PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH.

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