Datasheet for ABIN5854620

DDR2 Protein (AA 22-399) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	DDR2
Protein Characteristics:	AA 22-399
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDR2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	KAQVNPAICR YPLGMSGGQI PDEDITASSQ WSESTAAKYG RLDSEEGDGA WCPEIPVEPD DLKEFLQIDL HTLHFITLVG TQGRHAGGHG IEFAPMYKIN YSRDGTRWIS WRNRHGKQVL DGNSNPYDIF LKDLEPPIVA RFVRFIPVTD HSMNVCMRVE LYGCVWLDGL VSYNAPAGQQ FVLPGGSIIY LNDSVYDGAV GYSMTEGLGQ LTDGVSGLDD FTQTHEYHVW PGYDYVGWRN ESATNGYIEI MFEFDRIRNF TTMKVHCNNM FAKGVKIFKE VQCYFRSEAS EWEPNAISFP LVLDDVNPSA RFVTVPLHHR MASAIKCQYH FADTWMMFSE ITFQSDAAMY NNSEALPTSP MAPTTYDPML KVDDSNTRLE HHHHHH
Purity:	> 90 % by SDS - PAGE.
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

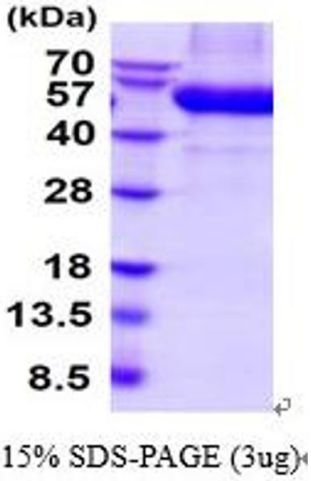
Target:	DDR2
Alternative Name:	DDR2 (DDR2 Products)
Background:	DDR2, also known as discoidin domain-containing receptor 2, belongs to the discoidin-like domain containing subfamily of receptor tyrosine kinases. It is mainly expressed in mesenchymal cells and is unique amog RTKs in that its ligand is fibrillar collagen rather than a growth factor-like peptide. Recombinant human DDR2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	43.7kDa (386aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_001014796
UniProt:	Q16832
Pathways:	RTK Signaling

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 +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.