

Product datasheet for PH311389

DDR2 (NM_006182) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DDR2 MS Standard C13 and N15-labeled recombinant protein (NP_006173)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211389
Predicted MW:	96.74 kDa
Protein Sequence:	>RC211389 representing NM_006182 Red=Cloning site Green=Tags(s)

MILIPRMLLVLFLLLPILSSAKAQVNPACRYPLGMSGGQIPDEDITASSQWSESTAAKYGRLDSEEGDG
AWCPEIPVEPDDLKEFLQIDLHLHFITLVGTQGRHAGGHGIEFAPMYKINYSRDGTRWISWRNRHGKQV
LDGNSNPYDIFLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCVWLDGLVSYNAPAGQQFVLPGGSI
YLNSVYDGA VGYSMTEGLGQLTDGVSGLD DFTQTHEYHVWPGYDYGWRNESATNGYIEIMFEFDRIRN
FTTMKVHCNMFAGVKIFKEVQCYFRSEASEWEPNAISFPLVDDVNPSARFVTVPLHHRMASAIKQY
HFADTWMMFSEITFQSDAAMYNSEALPTSPMAPTTYDPMLKVDDSNTRILIGCLVAIIFILLAIIVIL
WRQFWQKMLEKASRRMLDDEMTVSLSLPSDSSMFNNRSPSEQGSNSTYDRIFPLRPDYQEPSRLIRK
LPEFAPGEEEESGCSGVVKPVQPSGPEGVPHYAEADIVNLQGVTTGGNTYSVPAVTMDLLSGKDVAVEEFPR
KLLTFKEKLGEGQFGEVHLCEVEGMEKFKDKDFALDVSANQPVLVAVKMLRADANKNARNDLFKEIKIMS
RLKDPNIIHLLAVCITDDPLCMITEYMENGLNQFLSRHEPPNSSSDVRTVSYTNLKFMATQIASGMKY
LSSLNFVHRDLATRNLVGNKYTIKIADFGMSRNLVSGDYRIQGRAVLP IRWMSWESILLGKFTTASDV
WAFGVTLWETFTFCQEYPYQLSDEQVIENTGEFFRDQGRQTYLPQPAICPDSVYKMLMLSCWRDRDKNRP
SFQEIHL LLLQQGDE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



[View online »](#)

RefSeq: [NP_006173](#)

RefSeq Size: 3172

RefSeq ORF: 2565

Synonyms: MIG20a; NTRKR3; TKT; TYRO10; WRCN

Locus ID: 4921

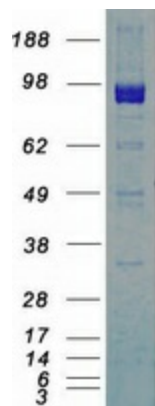
UniProt ID: [Q16832](#), [A0A024R906](#)

Cytogenetics: 1q23.3

Summary: This gene encodes a member of the discoidin domain receptor subclass of the receptor tyrosine kinase (RTKs) protein family. RTKs play a key role in the communication of cells with their microenvironment. The encoded protein is a collagen-induced receptor that activates signal transduction pathways involved in cell adhesion, proliferation, and extracellular matrix remodeling. This protein is expressed in numerous cell types and may also be involved in wound repair and regulate tumor growth and invasiveness. Mutations in this gene are the cause of short limb-hand type spondylometaphyseal dysplasia. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Product images:



Coomassie blue staining of purified DDR2 protein (Cat# [TP311389]). The protein was produced from HEK293T cells transfected with DDR2 cDNA clone (Cat# [RC211389]) using MegaTran 2.0 (Cat# [TT210002]).