

Recombinant Cynomolgus DDR2 Protein, His-tagged

Cat. No. DDR2-118C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus DDR2 protein with a His-tag was expressed in HEK293
Species	Cynomolgus
Source	HEK293
ProteinLength	1-399 aa
Description	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 spondylometaepiphyseal dysplasia.
Molecular Mass	The protein has a calculated MW of 43 kDa.
AA Sequence	QVNPAICRYPLGMSGGQIPDEDITASSQWSESTA AKYGRLDSEEGDGAWCPEIPVE PDDLKEFLQIDLHLHFITLVGTQGRHAGGGHIEFAPMYKINYSRDGTRWISWRNRH GKQVLDGNSNPYDIFLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCVWLDGLVS YNAPAGQQFVLPGGSIILNDSVYDGA VGYSMTEGLGQLTDGVSGLDDFTQTHEYH VWPGYDYVGWRNESATNGYIEIMFEFDRIRNFTTMKVHCNNMFAKGVKIFKEVQCY FRSEASEWEPNAISFPLVLD DVNPSARFVTVPLHHRMASAIKCQYHFADTWMMFSEI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TFQSDAAMYNNNSGALPTSPMTPTTYDPMLKIDDSNTRHHHHHH

Endotoxin <1 EU/μg

Purity >90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1.97 mg/mL

Storage Buffer PBS, pH7.4

GENE INFORMATION

Gene Name [DDR2 discoidin domain receptor tyrosine kinase 2 \[Macaca mulatta \(Rhesus monkey\) \]](#)

Official Symbol [DDR2](#)

Synonyms [DDR2](#); discoidin domain receptor tyrosine kinase 2; discoidin domain-containing receptor 2; EC 2.7.10.1

Gene ID [720124](#)

mRNA Refseq [XM_028826657](#)

Protein Refseq [XP_028682490](#)

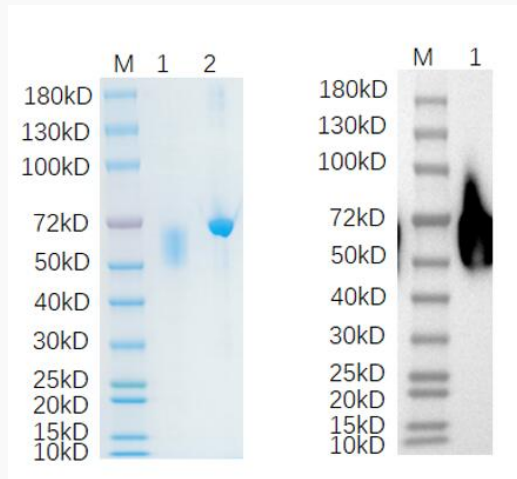
UniProt ID [A0A5F8A058](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified DDR1

1. DDR1
2. BSA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA