

DDR2, 22-399aa, Human, His tag, Baculovirus

Cat.NO.: TP01852

3th Edition

Synonyms: Discoidin domain-containing receptor 2, DDR2, MIG20a, NTRKR3, TKT, TYR010, CD167 antigen-like family member B, CD167b, CD167b antigen.

Description: 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 among 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.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 43.7kDa (386aa), 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

KAQVNPAICRYPLGMSGGQIPDEDITASSQWSESTAAKYGRLDSEEGDGAWCPEIPVEPDDLKEFLQIDLHTLHFIT
LVGTQGRHAGGGHIEFAPMYKINYSRDGTRWISWRNRHGKQVLDGNSNPYDIFLKDLEPPIVARFVRFIPVTDHSM
NVCMRVELYGCVWLDGLVSYNAPAGQQFVLPGGSIYLNDSVYDGA VGYSMTEGLGQLTDGVSGLD DFTQTHEY
HVWPGYDYVGVWRNESATNGYIEIMFEFDRIRNFTTMKVHCNNMFAKGVKIFKEVQC YFRSEASEWEPNAISFPLVL
DDVNPSARFVTVPLHHRMASAIKCQYHFADTWMMFSEITFQSDAAMYNNSEALPTSPMAPTTYDPMLKVDDSNTR
LEHHHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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