

## Discoidin Domain Receptor Tyrosine Kinase 2 Human Recombinant

<b>Item Number</b>	rAP-1741
<b>Synonyms</b>	Discoidin domain-containing receptor 2, DDR2, MIG20a, NTRKR3, TKT, TYR010, Discoidin Domain Receptor Tyrosine Kinase 2, CD167 antigen-like family member B, Discoidin domain-containing receptor tyrosine kinase 2, Neurotrophic tyrosine kinase, receptor-rela
<b>Description</b>	DDR2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 386 amino acids (22-399a.a) and having a molecular mass of 43.7kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).DDR2 is fused to 8 amino acid His-tag at C-terminus &
<b>Uniprot Accession Number</b>	Q16832
<b>Amino Acid Sequence</b>	KAQVNPAICR YPLGMSGGQI PEEDITASSQ WSESTAAYG RLDSEEGDGA WCPEIPVEPD DLKEFLQIDL HTLHFITLVG TQGRHAGGHG IEFAPMYKIN YSRDGTRWIS WRNRHGKQVL DGNSNPYD- IF LKDLEPIVA RFVRFIPVTD HSMNVCMRVE LYGCVWLDGL VSYNAPAGQQ FVLPGGSIY LNDSVYD- GAV GYSMTEGLGQ LTDGVSLDD FTQTHEYHVW PGYDYVGWRN ESATNGYIEI MFEFDRIRNF TTMKVHCNNM FAKGVKIFKE VQCYFRSEAS EWEPNAISFP LVLDDVNPSA RFVTVPLHHR MA- SAIKCQYH FADTWMMFSE ITFQSDAAMY NNSEALPTSP MAPTTYDPML KVDDSNTRLE HHHHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	DDR2 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**