

## 32-8715: Recombinant Mouse DDR2/CD167/TKT (C-6His)

**Gene :** Ddr2  
**Gene ID :** 18214  
**Uniprot ID :** Q62371

### Description

Source: Human Cells.  
MW :43.5kD.

Recombinant Mouse DDR2 is produced by our Mammalian expression system and the target gene encoding Gln24-Arg399 is expressed with a 6His tag at the C-terminus. Discoidin domain receptor-2 (DDR2) is a cell surface tyrosine kinase receptor that can be activated by soluble collagen and has been implicated in diverse physiological functions including organism growth and wound repair. DDR2 binds to and is activated by collagen I, II, III, V, and X, with the notable exception of basement membrane collagen IV. DDR2 is expressed in connective tissues arising from embryonic mesoderm. DDR2 regulates cell proliferation, cell adhesion, migration, and extracellular matrix remodeling.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QVNPAICRYPLGMSGGHIPDEDITASSQWSESTAAYKGRLDSEEGDGAWCPEIPVQPDDLKEFLQIDLRTLHFITLVGTQGRHAGGGHIEFAPMYKINYSRDGSRWISWRNRHGKQVLDGNSNPYDVLKDLPEPPIVARFVRLIPVTDHSMNVCMRVELYGCVWLDGLVSYNAPAGQQFVLPGGSIYLNDSVYDGAVGYSMTEGLGQLTDGVSGLDLDDFTQTHEYHVWPGYDYVWRNESATNGFIEIMFEFDRIRNFTTMKVHCNNMFAKGVKIFKEVQCYFRSEASEWEPTAVYFPLVLDVNP SARFVTVPLHHRMASAIKCQYHFADTWMMFSEITFQSDAAMYNNSGALPTSPMAPTTYDPM LKVDDSNTRVDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.