

## Active Recombinant Human DDR2 protein, His-tagged

Cat. No. DDR2-352H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DDR2 protein(Gln24-Arg399), fused with C-terminal His tag, was expressed in HEK293.                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 24-399 aa                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized Human DDR2 Protein at 1 µg/mL (100 µL/well) can bind DDR2 Rabbit mAb with a linear range of 0.486-33.97 ng/mL.                           |
| <b>Molecular Mass</b>   | 43.35 kDa                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                   |
| <b>Purity</b>           | ≥ 95 % as determined by SDS-PAGE.                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |

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**Reconstitution**

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

**GENE INFORMATION**
**Gene Name**

DDR2 discoidin domain receptor tyrosine kinase 2 [ Homo sapiens ]

**Official Symbol**

DDR2

**Synonyms**

DDR2; discoidin domain receptor tyrosine kinase 2; discoidin domain receptor family, member 2 , NTRKR3, TYRO10; discoidin domain-containing receptor 2; TKT; tyrosylprotein kinase; hydroxyaryl-protein kinase; discoidin domain receptor 2; tyrosine-protein kinase TYRO10; CD167 antigen-like family member B; cell migration-inducing protein 20; migration-inducing gene 16 protein; receptor protein-tyrosine kinase TKT; discoidin domain receptor family, member 2; neurotrophic tyrosine kinase receptor related 3; neurotrophic tyrosine kinase, receptor-related 3; discoidin domain-containing receptor tyrosine kinase 2; MIG20a; NTRKR3; TYRO10;

**Gene ID**

4921

**mRNA Refseq**

NM\_001014796

**Protein Refseq**

NP\_001014796

**MIM**

191311

**UniProt ID**

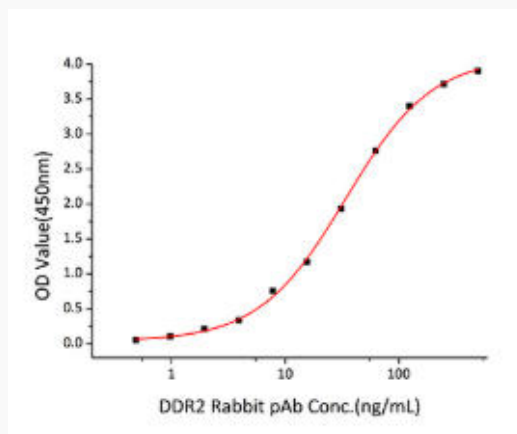
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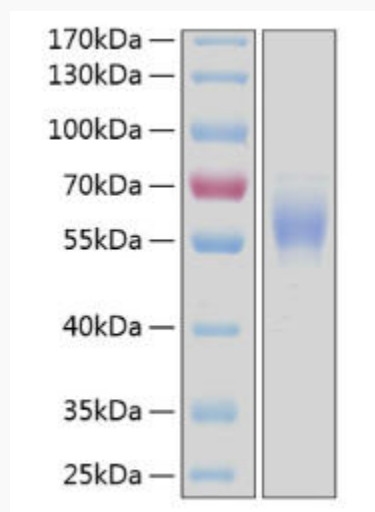
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## Activity



## SDS-PAGE



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