

## Recombinant Human DDR1 protein, His-tagged

Cat. No. DDR1-2853H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DDR1 protein(439-530 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	439-530 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	WRLHWRLLSKAERRVLEELTVHLSVPGDTILINNRPGPREPPPYQEPRPRGNPP HSAPCVPNGSAYSAGDYMEPEKPGAPLLPPPPQNSVP
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

## GENE INFORMATION

**Gene Name** [DDR1 discoidin domain receptor tyrosine kinase 1 \[ Homo sapiens \]](#)

**Official Symbol** [DDR1](#)

**Synonyms** [DDR1](#); [discoidin domain receptor tyrosine kinase 1](#); [CAK](#), [discoidin domain receptor family, member 1](#), [EDDR1](#), [NEP](#), [NTRK4](#), [PTK3A](#); [epithelial discoidin domain-containing receptor 1](#); [CD167](#); [RTK6](#); [tyrosine kinase DDR](#); [cell adhesion kinase](#); [mammary carcinoma kinase 10](#); [tyrosine-protein kinase CAK](#); [protein-tyrosine kinase RTK-6](#); [neuroepithelial tyrosine kinase](#); [PTK3A protein tyrosine kinase 3A](#); [CD167 antigen-like family member A](#); [neurotrophic tyrosine kinase, receptor, type 4](#); [CAK](#); [DDR](#); [NEP](#); [HGK2](#); [PTK3](#); [TRKE](#); [EDDR1](#); [MCK10](#); [NTRK4](#); [PTK3A](#);

**Gene ID** [780](#)

**mRNA Refseq** [NM\\_001202521](#)

**Protein Refseq** [NP\\_001189450](#)

**MIM** [600408](#)

**UniProt ID** [Q08345](#)

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