

Recombinant Human DDR1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DDR1 protein(439-530 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	439-530 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	WRLHWRRLLSKAERRVLEEELTVHLSVPGDTILINNRPGPPEPPPYQEPRPRGNPP HSAPCVPNGSAYSAGDYMEPEKPGAPLLPPPPQNSVP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 µg/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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