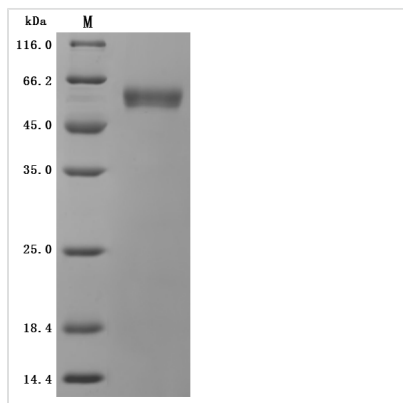


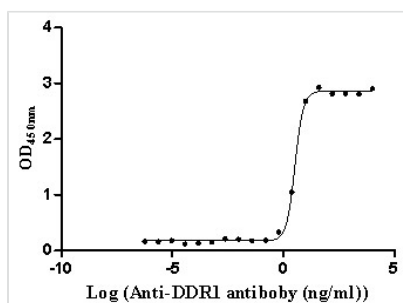


# Recombinant Human Epithelial discoidin domain-containing receptor 1 (DDR1), partial (Active)

<b>Product Code</b>	CSB-MP006595HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q08345
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human DDR1 at 2 µg/mL can bind Anti-DDR1 recombinant antibody (CSB-RA006595MA1HU), the EC <sub>50</sub> is 2.824-3.810 ng/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	DMKGFHDPKCRYALGMQDRTPDSDISASSWSWSDSTAARHSRLESSDGDGA WCPAGSVFPKEEYEQVLDLQRLHLVALVGTQGRHAGGLGKEFSRSYRLRYSR DGRRWMGWKDRWGQEVISGNEDPEGVVLKDLGPPMVARLVRFYPRADRVM SVCLRVELYGCLWRDGLLSYAPVGGTMYLSEAVYLNDSYDGHVGGGLQYG GLGQLADGVVGLDDFRKSQELRVWPGYDYVGVSNHSFSSGYVEMEFEDRL RAFQAMQVHCNNMHTLGARLPGGVECFRRGPAMAWEGEPMRHNLLGGNL GDPRARAVSVPLGGRVARFLQCRFLFAGPWLLFSEISFISDVVNNSSPALGGT FPPAPWWPPGPPPTNFSSLELEPRGQQPVAKAEGSPTA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DDR1
<b>Expression Region</b>	21-417aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 10xHis-tagged
<b>Mol. Weight</b>	46.8 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human DDR1 at 2 µg/ml can bind Anti-DDR1 recombinant antibody (CSB-RA006595MA1HU), the EC<sub>50</sub> is 2.824-3.810 ng/mL.

## Description

Advance your cancer research with our high-quality Recombinant Human DDR1 protein, also known as Epithelial discoidin domain-containing receptor 1 or CD167a. Produced in mammalian cells, this partial protein (21-417aa) features a C-terminal 10xHis-tag, facilitating efficient detection and purification. With a purity of >95% as determined by SDS-PAGE and endotoxin levels <1.0 EU/µg as confirmed by the LAL method, this protein ensures reliable performance in your experiments. The biological activity of Recombinant Human DDR1 is demonstrated by its binding ability in a functional ELISA, with an EC<sub>50</sub> of 2.824-3.810 ng/mL for immobilized DDR1 binding to the Anti-DDR1 recombinant antibody (CSB-RA006595MA1HU). Provided as lyophilized powder, our Recombinant Human DDR1 protein enables you to drive groundbreaking discoveries in cancer research with consistent results and precision scientific quality.

## Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.