

## Recombinant Human CD276, GST-tagged

Cat. No. CD276-10935H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD276 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	41-181a.a.
<b>Description</b>	Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	CD276 CD276 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD276
<b>Synonyms</b>	CD276; CD276 molecule; CD276 antigen; B7 H3; B7H3; B7RP 2; B7 homolog 3; costimulatory molecule; B7-H3; B7RP-2; 4lg-B7-H3;
<b>Gene ID</b>	80381
<b>mRNA Refseq</b>	NM_001024736
<b>Protein Refseq</b>	NP_001019907
<b>MIM</b>	605715
<b>UniProt ID</b>	Q5ZPR3
<b>Chromosome Location</b>	15q23-q24
<b>Pathway</b>	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;
<b>Function</b>	protein binding; receptor binding;

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