

## Recombinant Mouse CD276 Protein

Cat. No. CD276-601M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD276 protein without tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	316
<b>Description</b>	Enables identical protein binding activity and signaling receptor binding activity. Acts upstream of or within several processes, including positive regulation of osteoblast differentiation; regulation of T cell proliferation; and regulation of cytokine production. Located in external side of plasma membrane. Is expressed in several structures, including embryo endoderm; genitourinary system; hemolymphoid system; liver; and musculoskeletal system. Orthologous to human CD276 (CD276 molecule).
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	25.4 kDa
<b>AA Sequence</b>	MLRGWGGPSVGVCVRTALGVLCLCLTGAVEVQVSEDPVVALVDTDATLRCSFSPE PGFSLAQLNLIWQLTDTKQLVHSFTEGRDQGSAYSNRRTALFPDLLVQGNASLRLQR VRVTDEGSYTCFVSIQDFDSSAAVSLQVAAPYSKPSMTLEPNKDLRPGNMVTITCSSY QGYPEAEVFWKDGQGVPLTGNVTTSSQMANERGLFDVHSVLRVVLGANGTYSCLVR NPVLQQDAHGSVTITGQPLTFPPEALWVTVGLSVCLVLLVALAFVCWRKIKQSCEE ENAGAEDQDGDGEGSKTALRPLKPSSENKEDDGQEIA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	Cd276 CD276 antigen [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	CD276
<b>Synonyms</b>	CD276; CD276 antigen; B7-H3; B7 homolog 3; costimulatory molecule; B7h3; B7RP-2; AU016588; 6030411F23Rik;
<b>Gene ID</b>	102657
<b>mRNA Refseq</b>	NM_133983

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Protein Refseq** NP\_598744

**UniProt ID** Q8VE98

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA