

Active Recombinant Mouse CD276, MlgG2a Fc-tagged

Cat. No. CD276-2881M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse B7-H3 (NP_598744.1) (Glu30-Ala248) is fused to the N-terminus of the Fc region of mouse IgG2a.
Species	Mouse
Source	CHO
ProteinLength	30-248 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to enhance anti-CD3-induced proliferation of mouse CD3+ T cells.
Molecular Mass	50KDa (monomer)
AA Sequence	Glu30-Ala248
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name Cd276 CD276 antigen [*Mus musculus*]

Official Symbol CD276

Synonyms CD276; CD276 antigen; B7-H3; B7 homolog 3; costimulatory molecule; B7h3; B7RP-2; AU016588; 6030411F23Rik;

Gene ID 102657

mRNA Refseq NM_133983

Protein Refseq NP_598744

Pathway Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;

Function receptor binding; receptor binding;

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