

Recombinant Mouse CD28 Protein, Fc-tagged

Cat. No. CD28-625M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD28 protein with Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	218
Description	Enables protein kinase binding activity. Acts upstream of or within several processes, including positive regulation of immune response; positive regulation of intracellular signal transduction; and regulation of lymphocyte activation. Located in external side of plasma membrane and immunological synapse. Human ortholog(s) of this gene implicated in multiple sclerosis and type 1 diabetes mellitus. Orthologous to human CD28 (CD28 molecule).
Form	Lyophilized
Molecular Mass	41.7 kDa
AA Sequence	MTLRLLFLALNFFSVQVTENKILVKQSPLLVDSNEVSLSCRYSYNLLAKEFRASLYK GVNSDVEVCVGNNGNFTYQPQFRSNAEFNCDGDFDNETVTFRLLWNLHVNHTDIYFC KIEFMYPPPYLDNERSNGTIIHIKEKHLCHTQSSPKLFWALVVVAGVLFYCYGLLVTVL CVIWTNSRRNRLQSDYMNMTPRRPGLTRKPYQPYAPARDFAAAYRP
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	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.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	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

Gene Name	Cd28 CD28 antigen [<i>Mus musculus</i> (house mouse)]
Official Symbol	CD28
Synonyms	CD28; CD28 antigen; T-cell-specific surface glycoprotein CD28;
Gene ID	12487
mRNA Refseq	NM_007642
Protein Refseq	NP_031668

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