

Recombinant Human CD28 protein, His-Avi-tagged

Cat. No. CD28-747H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CD28 is expressed from mammalian with a His tag and Avi tag at the N-terminal. It contains Thr17-Pro152.
Species	Human
Source	HEK293
ProteinLength	It contains Thr17-Pro152.
Description	CD28 is the receptor for CD80 (B7-1) and CD86 (B7-2) proteins. When activated by Toll-like receptor ligands, the CD80 expression is upregulated in antigen presenting cells (APCs). The CD86 expression on antigen presenting cells is constitutive. CD28 is the only B7 receptor constitutively expressed on naive T cells.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 36-52KD based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

 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 It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CD28 CD28 molecule [Homo sapiens]

Official Symbol CD28

Synonyms CD28 antigen (Tp44); CD28 antigen; CD28 molecule; CD28; MGC138290; T-cell-specific surface glycoprotein CD28; Tp44

Gene ID 940

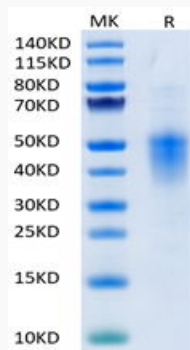
mRNA Refseq NM_001243077

Protein Refseq NP_001230006

MIM 186760

UniProt ID P10747

Tris-Bis PAGE

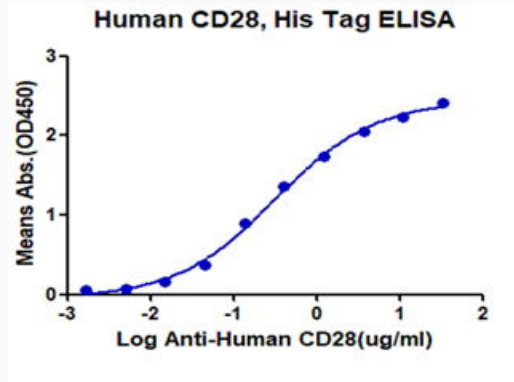


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ELISA data



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