CD28 recombinant protein

Recombinant human CD28 protein with C-terminal mouse Fc and 6xHis tag

CATALOG #	HOST	APPLICATIONS
AAA47196	**HEK293 cells**	**ELISA, Western Blot**

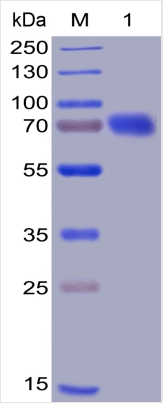
PRODUCT SYNONYMS

CD28; Recombinant human CD28 protein with C-terminal mouse Fc and 6xHis tag; Human CD28 Protein; mFc-His Tag; Tp44; CD28 recombinant protein

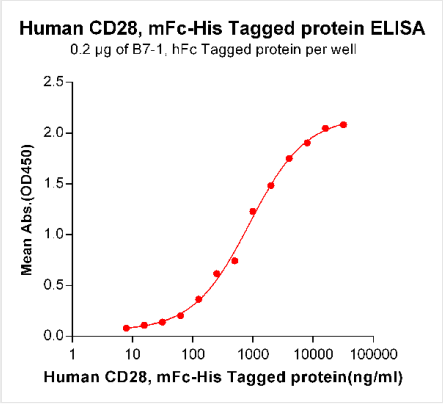
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-21% trehalose is added as protectants before lyophilization.
Sequence	CD28(Asn19 -Pro152)+m Fc(Pro99-L ys330)
Applicable Applications for CD28 recombinant protein	ELISA, WB (Western Blot)
Source	Human
Conjugation	C-Mouse Fc and 6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE
Figure 1. Human CD28 Protein, mFc-His Tag on SDS-PAGE under reducing condition.



ELISA
Figure 1. Human CD28 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for CD28 recombinant protein	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340545508
NCBI GeneID	940
NCBI Accession #	NP_001230006.1
NCBI GenBank Nucleotide #	NM_001243077.1
UniProt Accession #	P10747; Q13964; Q52M23; Q8NI54; Q8NI55; Q8NI56; Q8WXJ2; Q9BYV0; A8KAC1
Molecular Weight	25,066 Da
NCBI Official Full Name	T-cell-specific surface glycoprotein CD28 isoform 2
NCBI Official Synonym Full Names	CD28 molecule
NCBI Official Symbol	CD28
NCBI Official Synonym Symbols	Tp44
NCBI Protein Information	T-cell-specific surface glycoprotein CD28; CD28 antigen
UniProt Protein Name	T-cell-specific surface glycoprotein CD28
UniProt Gene Name	**CD28**
UniProt Entry Name	CD28_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/cd28-recombinant-protein-hek293-elisa-wb-western-blot/47196