

RP00638

Leader in Biomolecular Solutions for Life Science



Recombinant Mouse CD28/TP44 Protein

Catalog No.: RP00638

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	12487	P31041

Tags

C-Fc & 6×His

Synonyms

CD28;Tp44;CD28

Background

T-cell-specific surface glycoprotein CD28, contains an Ig-like V-type domain. CD28 is one of the proteins expressed on T cells that provide co-stimulatory signals, which are required for their activation. It is the receptor for CD80 and CD86. 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. It is involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

Basic Information

Description

Recombinant Mouse CD28/TP44 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Asn20-Lys149) of mouse CD28/TP44 (Accession #P31041) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

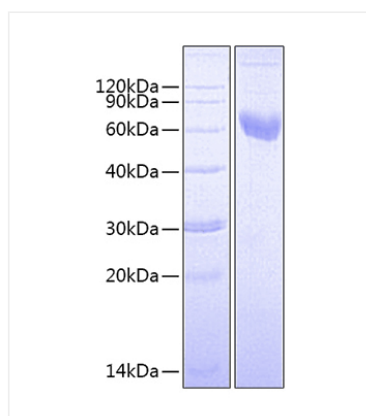
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse CD28/TP44 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.