

# Human CD28 Recombinant Protein



RPPB3037

## Product Information Protein Information

### Product SKU:

RPPB3037

### Accession:

P10747

### Host:

Sf9, Baculovirus cells.

### Protein description:

CD28 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 376 amino acids (19-152a.a.) and having a molecular mass of 42.4kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD28 is expressed with a 242 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Appearance:

Sterile filtered colorless solution.

### Synonyms:

T-cell-specific surface glycoprotein CD28, TP44, CD\_antigen: CD28, T-cell-specific surface glycoprotein CD28 isoform 1.

### Formulation:

CD28 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

### Purity:

Greater than 90.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Amino Acid Sequence:

ADPNKILVKQ SPMLVAYDNA VNLSCKYSYN LFSREFRASL HKGLDSAVEV CVVYGNYSQQ LQVYSKTGFN  
CDGKLGNEV TFYLNLYVN QTDIYFCKIE VMYPPPYLDN EKSNGTIIHV KGKHLCPSPF FPGPSKPLEP  
KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTPEVTCVVDVSHEDPEVKFNW YVDGVEVHNA  
KTKPREEQYN STYRVVSVLT VLNQDNLNGK EYKCKVSNKA LPAPIETIS KAKGQPREPQ VYTLPPSRDE  
LTKNQVSLTCLVKGFYPSDIAVEWESNGQP ENNYKTTTPV LDDSGSFFLY SKLTVDKSRW QGQNVFSCSV  
MHEALHNHYT QKSLSLSPGK HHHHHH.