

CD28 Human Recombinant

Item Number	rAP-0101
Synonyms	T-cell-specific surface glycoprotein CD28, TP44, CD_antigen: CD28, T-cell-specific surface glycoprotein CD28 isoform 1.
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
Uniprot Accesion Number	P10747
Amino Acid Sequence	ADPNKILVKQ SPMLVAYDNA VNLCKYSYN LFSREFRSL HKGLDSAVEV CVVYGNYSQQ LQVYSKTGFN CDGKLGNEV TFYLNLYVN QTDIYFCKIE VMYPPPYLDN EKSNGTIIHV KGKHLCP SPL FPGPSKPLEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDQWLNGK EYKCKVSNKA LPAPIEK- TIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CD28 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**