

CD2 Human Recombinant

Item Number	rAP-0009
Synonyms	T-cell surface antigen CD2, T-cell surface antigen T11/Leu-5, LFA-2, LFA-3 receptor, Erythrocyte receptor, Rosette receptor, CD2 antigen, CD2, T11, SRBC.
Description	CD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 209 amino acids (25-209 a.a) and having a molecular mass of 23.8kDa.CD2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P06729
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKEITNA LETWGALGQD INLDIPSFQM SDDIDDIKWE KTSDKKKI-AQ FRKEKETFKE KDTYKLFKNG TLKIKHLKTD DQDIYKVSII DTKGKNVLEK IFDLKIQERV SKPKIS-WTCI NTTLTCEVMN GTDPELNLYQ DGKHLKLSQR VITHKWTTSLSAKFCTAGN KVSKESSVEP VSCPEKGLD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	CD2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% 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**