

CD2

Recombinant Human CD2 (aa 25-209)

Catalog No.	CRC182A CRC182B CRC182C	Quantity:	2 µg 5 µg 10 µg
Alternate Names:	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 which is also known as E-rosette receptor, T11 and lymphocytefunction antigen-2 (LFA-2) is expressed on T cells, thymocytes, and subset of natural killer cells. Human CD2 functions as the receptor for sheep erythrocytes, human CD58 (LFA-3), and CD15s (Sialyl Lewis X). p56lck, p59fyn, CD3eta and CD3epsilon are tyrosine-phosphorylated after CD2 stimulation. CD2 plays a role in T cell activation, T- or NK-cell-mediated cytotoxicity, apoptosis in activated peripheral T cells, and regulation of T cell anergy. CD2 Human Recombinant (aa 25-209) expressed in E.coli, shows a 46 kDa band on SDS-PAGE. The CD2 is purified by proprietary chromatographic techniques.		
Concentration:	0.1 mg/ml		
GeneID:	914		
Protein Accession No:	NP_001758		
Source:	<i>E. coli</i>		
Molecular Weight:	46.0 kDa		
Formulation:	Sterile Filtered clear solution CD2 at 100µg/ml in 50 mM Tris-HCl, pH7.5 and 10M m L-glutathione (reduced).		
Applications:	Western Blot ELISA Inhibition Assays The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 1 year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

