

Recombinant human CD2 protein,His-tagged

Cat. No. CD2-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD2 protein,His-tagged,expressed in Baculovirus.
Species	Human
Source	Baculovirus
ProteinLength	25-209aa
Description	CD2, also known as T-cell surface antigen CD2, is a cell adhesion molecule found on the surface of T cells and natural killer (NK) cells. It interacts with other adhesion molecules, such as lymphocyte function-associated antigen-3 (LFA-3/CD58) in humans, or CD48 in rodents. CD2 is a specific marker for T cells and NK cells. The great majority of T cell lymphomas and leukaemias also express CD2, making it possible to use the presence of the antigen to distinguish these conditions from B cell neoplasms. Recombinant human CD2 protein, fused to His tag, was expressed in insect cell and purified by using conventional chromatography techniques.
Tag	His
Molecular Mass	22.3 kDa
AA Sequence	ADPKEITNAL ETWGALGQDI NLDIPSFQMS DDIDDIKWEK TSDKKKIAQF RKEKETFKEK DTYKLFKNGT LKIKHLKTDD QDIYKVSIDY TKGKNVLEKI FDLKIQERVS KPKISWTCIN TTLTCEVMNG TDPELNLYQD GKHLKLSQRV ITHKWTTSL

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	AKFKCTAGNK VSKESSVEPV SCPEKGLDHH HHHH
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
GenelD	914
References	Meinl E., et al. (2000) J Immunol. 165: 3578-3583. Kalland ME., et al. (2011) J Immunol. 187: 5233-45.
GENE INFORMATION	
Gene Name	CD2 CD2 molecule [Homo sapiens (human)]
Official Symbol	CD2
Synonyms	T-cell surface antigen CD2, CD2, LFA-2, SRBC, T11
mRNA Refseq	NM_001767

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Protein Refseq	NP_001758
MIM	186990
UniProt ID	P06729

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