

Recombinant Full Length Human CD2 molecule Protein, Flag tagged

Cat. No. CD2-10HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Homo sapiens CD2 molecule (CD2) protein (1-351aa) with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	1-351aa
Description	The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.
Tag	C-Flag
Molecular Mass	39.3 kDa
AA Sequence	MSFPCKFVASFLIFNVSSKGAVSKEITNALETWGALGQDINLDIPSFQMSDDIDDIK WEKTSDDKKIAQFRKEKETFKEDTYKLFKNGTLKIKHLKTDDQDIYKVSIDYTKGKN VLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHK WTTSLSAKFCTAGNKVSKESSVEPVSCPEKGLDIYLIIGICGGGSLLMVFVALLVFI TKRKKQRSRRNDEELETRAHRVATEERGRKPQQIPASTPQNPATSQHPPPPGHR SQAPSHRPPPPGHRVQHQPQKRPPAPSGTQVHQKQGPPLPRPRVQPKPPHGAAE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	NSLSPSSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CD2 CD2 molecule [Homo sapiens (human)]
Official Symbol	CD2
Synonyms	CD2; CD2 molecule; CD2 antigen (p50), sheep red blood cell receptor , SRBC; T-cell surface antigen CD2; LFA-3 receptor; rosette receptor; erythrocyte receptor; lymphocyte-function antigen-2; T-cell surface antigen T11/Leu-5; CD2 antigen (p50), sheep red blood cell receptor; T11; SRBC; LFA-2; FLJ46032;
Gene ID	914
mRNA Refseq	NM_001767

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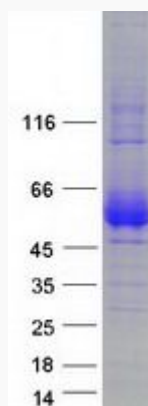
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Protein Refseq NP_001758

MIM 186990

UniProt ID P06729

SDS-PAGE



Coomassie blue staining of purified CD2 protein. The protein was produced from HEK293T cells transfected with CD2 cDNA clone using MegaTran 2.0.

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