

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 WEKTSDKKKIAQFRKEKETFKEDTYKLFKNGTLKIKHLKTDDQDIYKVSIIYDTKGKN VLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHK WTTSLSAKFCTAGNKVSKESSVEPVSCPEKGLDIYLIIGICGGGSLLMVFNLLVFI TKRKKQRSRRNDEELETRAHRVATEERGRKPQQIPASTPQNPATSQHPPPPGHR SQAPSHRPPPPGHRVQHQPQRPPAPSGTQVHQKGPPLPRPRVQPKPPHGAAE

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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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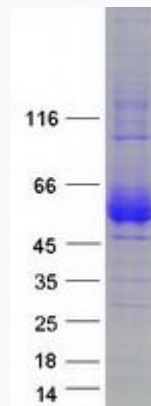
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Protein Refseq NP_001758

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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