

Recombinant Full Length Human CD2 Protein

Cat. No. CD2-3010HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human CD2 full-length ORF (NP_001758.1) recombinant protein without tag.

Species Human

Source In Vitro Cell Free System

ProteinLength 404 amino acids

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. [provided by RefSeq, Jun 2016]

Form Liquid

Molecular Mass 39.4 kDa

AA Sequence
MSFPCKFVASFLIFNVSSKGAVSKEITNALETWGALGQDINLDIPSFQMSDDIDDIK
WEKTSDKKKIAQFRKEKETFKEDTYKLFKNGTLKIKHLKTDDQDIYKVSIIYDTKGKN
VLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHK
WTTLSAKFKCTAGNKVSKESSVEPVSCPEKGLDIYLIIGICGGGSLLMVFVALLVFI
TKRKKQRSRRNDEELETRAHRVATEERGRKPQQIPASTPQNPATSQHPPPPGHR
SQAPSHRPPPPGHRVQHQPQKRPPAPSGTQVHQQKGPPLPRPRVQPKPPHGAAE
NSLSPSSN

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Applications	Antibody Production Functional Study Compound Screening
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	CD2 CD2 molecule [Homo sapiens]
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
Protein Refseq	NP_001758
MIM	186990
UniProt ID	P06729

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