

# Recombinant Full Length Human CD2 Protein, GST-tagged

**Cat. No.** CD2-3011HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CD2 full-length ORF (NP_001758.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	351 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	65.8 kDa
<b>AA Sequence</b>	MSFPCKFVASFLIFNVSSKGAVSKEITNALETWGALGQDINLDIPSFQMSDDIDDIK WEKTSDDKKIAQFRKEKETFEKEDTYKLFKNGTLKIKHLKTDDQDIYKVSIIYDTKGKN VLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHK WTTLSAKFKCTAGNKVSKESSVEPVSCPEKGLDIYLIIGICGGGSLLMV FVALLVFYI TKRKKQRSRRNDEELETRAHRVATEERGRKPQQIPASTPQNPATSQHPPPPGHR SQAPSHRPPPPGHRVQHQPQKRPPAPSGTQVHQKGPPLRPRVQPKPPHGAAE NSLSPSSN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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