

## Product datasheet for **TP721123**

### CD2 (NM\_001767) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human CD2 molecule (CD2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Lys25-Asp209
Tag:	C-His
Predicted MW:	22.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001758</a>
Locus ID:	914
UniProt ID:	<a href="#">P06729</a> , <a href="#">Q53F96</a>
RefSeq Size:	1595
Cytogenetics:	1p13.1
RefSeq ORF:	1053
Synonyms:	LFA-2; SRBC; T11



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- Summary:** 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]
- Protein Families:** Druggable Genome, Transmembrane
- Protein Pathways:** Cell adhesion molecules (CAMs), Hematopoietic cell lineage