

## Product datasheet for AR50702PU-S

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## CD2 (25-209, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** CD2 (25-209, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** MGSSHHHHHH SSGLVPRGSH MGSMKEITNA LETWGALGQD INLDIPSFQM SDDIDDIKWE

or AA Sequence: KTSDKKKIAQ FRKEKETFKE KDTYKLFKNG TLKIKHLKTD DQDIYKVSIY DTKGKNVLEK IFDLKIQERV

SKPKISWTCI NTTLTCEVMN GTDPELNLYQ DGKHLKLSQR VITHKWTTSL SAKFKCTAGN

KVSKESSVEP VSCPEKGLD

Tag: His-tag
Predicted MW: 23.8 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human CD2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001315538

Locus ID: 914

UniProt ID: <u>P06729</u>, <u>Q53F96</u>

**Cytogenetics:** 1p13.1

Synonyms: LFA-2; SRBC; T11





**Summary:** The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells.

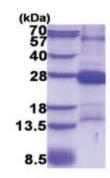
The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence

of this gene. [provided by RefSeq, Jun 2016]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cell adhesion molecules (CAMs), Hematopoietic cell lineage

## **Product images:**



15% SDS-PAGE (3ug)