PRODUCT INFORMATION

Target	CD2
Synonyms	T11; SRBC; LFA-2
Description	Recombinant human CD2 Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P06729
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	CD2(Lys25-Asp209) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 22.6 kDa after removal of the signal peptide. The apparent molecular mass of CD2-His is approximately 25-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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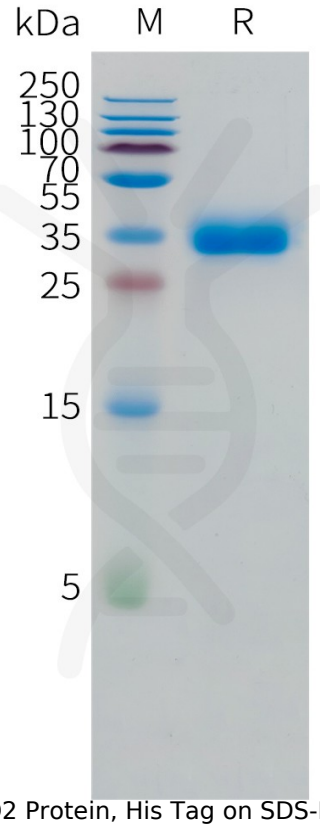


Figure 1. Human CD2 Protein, His Tag on SDS-PAGE under reducing condition.

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