## Recombinant Human CD2 Protein (His Tag)

Catalog Number: PKSH033387



°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	<b>Note:</b> Centrifuge before opening to ensure complete recovery of vial contents.	
Mol_Mass       22.3 kDa         Accession       P06729         Bio-activity       Not validated for activity         Properties	Description	
Accession       P06729         Bio-activity       Not validated for activity         Properties       Purity       > 95 % as determined by reducing SDS-PAGE.         Endotoxin       < 1.0 EU per µg of the protein as determined by the LAL method.         Storage       Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.         Shipping       This product is provided as lyophilized powder which is shipped with ice packs.         Formulation       Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl,pH7.4.         Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectant before lyophilization.         Please refer to the specific buffer information in the printed manual.         Pconstitution       Please refer to the printed manual for detailed information.         Data       120	Species	Human
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## Background

T-cell surface antigen CD2 is also known as Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5. It is a protein that in humans is encoded by the CD2 gene. It is a single-pass type I membrane protein. contains 1 Ig-like C2-type domain and 1 Ig-like V-type domain. T-cell surface antigen CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. It is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

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