

产品名称: Recombinant Human CD81 (N-FC)  
产品货号: PHH2278

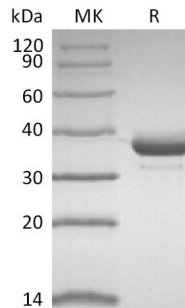


## 概述 (Summary)

英文全称	CD81
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human CD81 antigen is produced by our Mammalian expression system and the target gene encoding Phe113-Lys201 is expressed with a human IgG1 Fc tag at the N-terminus.
Accession #	P60033
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	36.1 KDa
制剂 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 电泳图 (SDS-PAGE image)

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## 背景 (Background)

### 分子别名 (Alternative Names)

CD81 antigen; CD81 molecule; CD81; CVID6; TAPA1; TAPA-1; TSPAN28

### 背景介绍 (References)

CD81, also known as TAPA-1 and Tetraspanin-28, belongs to the transmembrane 4 superfamily, also known as the tetraspanin family. Members of this family mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD81 is a widely expressed cell-surface protein involved in an astonishing variety of biologic responses. CD81 associates with a wide range of membrane proteins including CD151, TfR2, LDL R, PCSK9, Glypican 3, IFITM1, IGSF8/CD316, FPRP, and complexes of CD19-CD21. It is related to adhesion, morphology, activation, proliferation, and differentiation of B, T, and other cells. CD81 additionally functions as a receptor for the E2 glycoprotein of hepatitis C virus. The CD81-E2 interaction inhibits NK cell cytolytic activity, provides a co-stimulatory signal to T cells, and inhibits the maturation of plasmacytoid dendritic cells.

## 注意事项 (Note)

For research use only .