

Product datasheet for **TP726708**

TAPA1 (CD81) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD81 (N-FC)
Species:	Human
Expression cDNA Clone or AA Sequence:	Phe113-Lys201
Tag:	N-FC
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human CD81 antigen is produced by our Mammalian expression system and the target gene encoding Phe113-Lys201 is expressed with a Fc tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	975
UniProt ID:	P60033
Summary:	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.



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