Recombinant Human CD81, Gly&Pro tagged

Cat. No. CD81-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD81 (NP_004347.1) (Phe113-Lys201), fused with two additional amino acids (Gly&Pro) at the N-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	113-201 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD81 comprises 99 amino acids and has a predicted molecular mass of 9.9 kDa. The apparent molecular mass of the monomer is approximately 10 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD81 CD81 molecule [Homo sapiens]
Official Symbol	CD81
Gene ID	975
mRNA Refseq	NM_004356
Protein Refseq	NP_004347
MIM	186845
UniProt ID	P60033
Chromosome Location	11pter-p11.2

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