Active GMP Recombinant Human CD47 protein

Cat. No. CD47-101HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD47 protein(NP_942088.1)(121 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD47(NCBI Reference Sequence: NP_942088.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized CD47 Monoclonal antibody is 1ug/mL(100uL/well), and the linear binding range that can bind to Human CD47 protein(His tag) is 0.5-2ng/mL.
Molecular Mass	Recombinant Human CD47 contains 121 aa. It has a predicted MW of 15.4 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD47 CD47 molecule [Homo sapiens]
Official Symbol	CD47
Synonyms	Protein MER6; Integrin-associated protein; Antigenic surface; determinant protein OA3; Leukocyte surface antigen CD47; CD47; MER6; CD_antigen: CD47
Gene ID	961
mRNA Refseq	NM_001777
Protein Refseq	NP_001768
MIM	601028
UniProt ID	Q08722

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