

Active GMP Recombinant Human CD48 protein

Cat. No. CD48-204HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD48 protein(NP_001242959)(194 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 CD48(GenBank: AAH16182.1) 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 Human 2B4(Fc tag) is 2ug/mL(100uL/well), and the linear binding range that can bind to Human CD48(His tag) is 0.2-2.0 ug/mL.
Molecular Mass	Recombinant Human CD48 protein contains 194 aa. It has a predicted MW of 24 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	CD48 CD48 molecule [Homo sapiens]
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Official Symbol	CD48
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Synonyms	BCM1; SLAMF2; BLAST; BLAST1; MEM-102; TCT.1; BCM-1; SLAMF-2; BLAST-1
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Gene ID	962
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mRNA Refseq	NM_001256030
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Protein Refseq	NP_001242959
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MIM	109530
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UniProt ID	P09326
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