

## Recombinant Human CD47, Fc tagged

Cat. No. CD47-7889H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD47 (NP_942088.1) (Met1-Pro139), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-139 a.a.
<b>Predicted N Terminal</b>	Gln 19
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CD47/Fc is a disulfide-linked homodimer. The reduced monomer comprises 362 amino acids and has a predicted molecular mass of 40.7 kDa. The apparent molecular mass of the protein is approximately 48-60 kDa in SDS-PAGE under reducing c
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein 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°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [CD47 CD47 molecule \[ Homo sapiens \]](#)

**Official Symbol** CD47

**Gene ID** [961](#)

**mRNA Refseq** [NM\\_001777](#)

**Protein Refseq** [NP\\_001768](#)

**MIM** [601028](#)

**UniProt ID** [Q08722](#)

**Chromosome Location** 3q13.1-q13.2

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