

Active Recombinant Human CD97 protein, Fc-tagged

Cat. No. CD97-3134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD97 protein(Met 1-Gln 398)(NP_001775.2) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-398 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD55 at 2 µg/ml (100 µl/well) can bind human CD97 with a linear ranger of 1.28-32 ng/ml.
Molecular Mass	The recombinant human CD97/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 619 amino acids and predicts a molecular mass of 68.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD97/Fc monomer is approximately 100-110 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

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 [CD97 CD97 molecule \[Homo sapiens \]](#)

Official Symbol [CD97](#)

Synonyms

CD97; CD97 molecule; CD97 antigen; leukocyte antigen CD97; seven transmembrane helix receptor; seven span transmembrane protein; seven transmembrane; heterodimeric receptor associated with inflammation; TM7LN1; seven-span transmembrane protein; seven-transmembrane, heterodimeric receptor associated with inflammation;

Gene ID [976](#)

mRNA Refseq [NM_001025160](#)

Protein Refseq [NP_001020331](#)

MIM [601211](#)

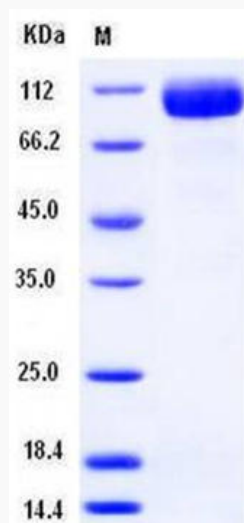
UniProt ID [P48960](#)

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SDS-PAGE



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