Active Recombinant Human CD97

Cat. No. CD97-720H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD97 (Accession # NP_001775) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	No results obtained: Gln21 predicted
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. Hamann, J. et al. (1996) J. Exp. Med. 184:1185.The ED50 for this effect is typically 0.1-0.6 μg/mL.
Molecular Mass	Recombinant Human CD97 has a calculated MW of 42 kDa. In SDS-PAGE migrates as 66-86 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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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
Chromosome Location	19p13

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