

Active Recombinant Mouse Cd97, His-tagged

Cat. No. Cd97-298M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd97 (Accession # AAH06676) Gln24-His384, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	24-384 a.a.
Predicted N Terminal	No results obtained: Gln24 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to bind rmCD55 in a functional ELISA. When rmCD55 is immobilized at 0.5 µg/mL, 100 µL/well, the concentration of rmCD97 that produces 50% of the optimal binding response is found to be approximately 0.15 - 0.5 µg/mL.
Molecular Mass	Recombinant Mouse Cd97, His-tagged has a calculated MW of 40.6 kDa. In SDS-PAGE migrates as 55-65 kDa, reducing conditions.
Purity	>95%, 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name	Cd97 CD97 antigen [Mus musculus]
Official Symbol	Cd97
Synonyms	CD97; CD97 antigen; EGF-TM7 receptor; TM7LN1; AA409984;
Gene ID	26364
mRNA Refseq	NM_001163029
Protein Refseq	NP_001156501

MIM

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