

Recombinant Mouse Apcs Protein, His-tagged

Cat. No. Apcs-1261M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Apcs Protein (Cys20-Asp224) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Cys20-Asp224
Description	Predicted to enable several functions, including complement component C1q complex binding activity; low-density lipoprotein particle binding activity; and virion binding activity. Predicted to be involved in several processes, including complement activation, classical pathway; modulation by host of viral process; and negative regulation of monocyte differentiation. Predicted to be located in extracellular region. Predicted to be part of protein-containing complex. Predicted to be active in extracellular space. Is expressed in liver. Human ortholog(s) of this gene implicated in amyloidosis. Orthologous to human APCS (amyloid P component, serum).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 kDa Accurate Molecular Mass: 29 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	<i>Apcs</i> amyloid P component, serum [<i>Mus musculus</i> (house mouse)]
Official Symbol	<i>Apcs</i>
Synonyms	Apcs; amyloid P component, serum; Sap; serum amyloid P-component; APCS amyloid P-component serum protein
Gene ID	20219
mRNA Refseq	NM_011318
Protein Refseq	NP_035448
UniProt ID	P12246

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