

Recombinant Human CAD protein, His-tagged

Cat. No. CAD-2322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAD protein(P27708)(1456-1846aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1456-1846aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.7 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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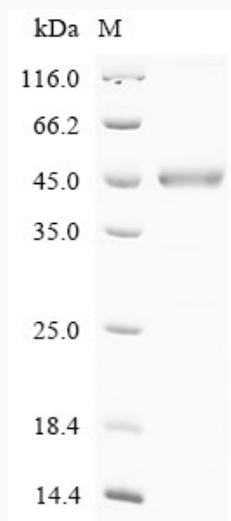
AA Sequence

MTSQKLVRPLGLIDVHVHLREPGGTHKEDFASGTAAALAGGITMVCAMPNTRPPIID
 APALALAQKLAEGARCDFALFLGASSENAGTLGTVAGSAAGLKLYLNETFSELRLD
 SVVQWMEHFETWPSHLPVIAHAEQQTVAAVLMVAQLTQRSVHICHVARKEEILLIKA
 AKARGLPVTCEVAPHHLFLSHDDLRLGPGKGGEVRPELGSRQDVEALWENMAVIDC
 FASDHAPHTLEEKCGSRPPPGFPGLETMLPLLLTAVSEGRLSLDDLQRLHHNPRRI
 FHLPPQEDTYVEVDLEHEWTIPSHMPFSKAHWTPFEGQKVKGTVRRVVLARGEVAYI
 DGQVLVPPGYGQDVRKWPQGAVPQLPPSAPATSEMTTTPERPRRGIPGLPD

GENE INFORMATION

Gene Name	CAD carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase [Homo sapiens]
Official Symbol	CAD
Synonyms	CAD; carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase; CAD protein; CAD trifunctional protein; multifunctional protein CAD;
Gene ID	790
mRNA Refseq	NM_004341
Protein Refseq	NP_004332
MIM	114010
UniProt ID	P27708

SDS-PAGE



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