

Recombinant Human CAD protein, His-tagged

Cat. No. CAD-2323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAD protein(P27708)(1456-1846aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	1456-1846 aa
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.
Molecular Mass	43.5 kDa
AASequence	<p>MTSQKLVRPLGLIDVHVHLREPGGTHKEDFASGTAAALAGGITMVCAMPNTRPPIID</p> <p>APALALAQKLAEGARCDFALFLGASSENAGTLGTVAGSAAGLKLYLNETFSELRLD</p> <p>SVVQWMEHFETWPSHLP IVAHAEQQTVAAVLMVAQLTQRSVHICHVARKEEILLIKA</p> <p>AKARGLPVTCEVAPHHLFLSHDDLRLGPGKGGEVRPELGSQRQDVEALWENMAVIDC</p> <p>FASDHAPHTLEEKCGSRPPPGFPGLETMLPLLLTAVSEGRLSLDDLQRLHHNPRRI</p> <p>FHLPPQEDTYVEVDLEHEWTIPSHMPFSKAHWTPFEGQKVKGTVRRRVLRGEVAYI</p> <p>DGQVLVPPGYGQDVRKWPQGAVPQLPPSAPATSEMTTTTPERPRRGIPGLPD</p>
Purity	Greater than 95% as determined by SDS-PAGE.

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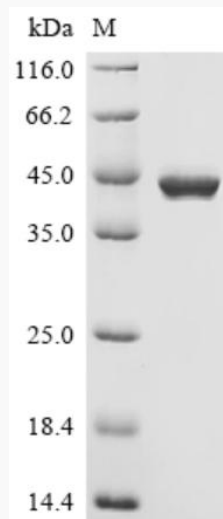
Storage	Store at -20°C/-80°C.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
GENE INFORMATION	
Gene Name	CAD carbamoyl-phosphate synthetase 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;
mRNA Refseq	NM_004341
Protein Refseq	NP_004332
MIM	114010
UniProt ID	P27708
Gene ID	790

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SDS-PAGE



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