

Cellobiose dehydrogenase (CDH-1) Recombinant Protein | CDH-1 recombinant protein

Recombinant Phanerochaete chrysosporium Cellobiose dehydrogenase (CDH-1), partial

CATALOG # AAA115018	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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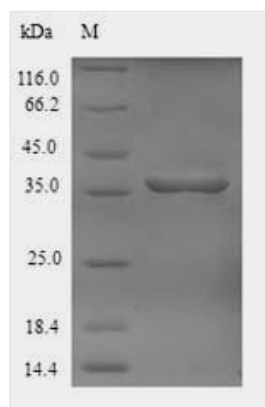
PRODUCT SYNONYMS

Cellobiose dehydrogenase (CDH-1); Recombinant Phanerochaete chrysosporium Cellobiose dehydrogenase (CDH-1); partial; Cellobiose-quinone oxidoreductase; CDH-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-208aa; Partial
Sequence	QSASQFTDPT TGFQFTGTD PVHDVTYGFV FPPLATSGAQ STEFIGEVVA PIASKWIGIA LGGAMNNDLL LVAWANGNQI VSSTRWATGY VQPTAYTGTA TLTLPETTI NSTHWKWWFR CQGCTEWNNG GGIDVTSQGV LAWAFSNVAV DDPSDPQSTF SEHTDFGFFG IDYSTAHSAN YQNYLNGDSG
Species	Phanerochaete chrysosporium (White-rot fungus) (Sporotrichum pruinosum)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CDH-1 recombinant protein	Degrades both lignin and cellulose. Oxidizes cellobiose to cellobionolactone.
Product Categories/Family for CDH-1 recombinant protein	Signal Transduction
References	"Cloning of a cDNA encoding cellobiose dehydrogenase, a hemoflavoenzyme from Phanerochaete chrysosporium." Li B., Nagalla S.R., Renganathan V. Appl. Environ. Microbiol. 62:1329-1335(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6831496
UniProt Accession #	Q01738; O00047
Molecular Weight	22.3 kDa
NCBI Official Full Name	Cellobiose dehydrogenase
UniProt Protein Name	Cellobiose dehydrogenase
UniProt Gene Name	CDH-1
UniProt Synonym Gene Names	CDH
UniProt Entry Name	CDH_PHACH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cdh-1-recombinant-protein-e-coli/115018>