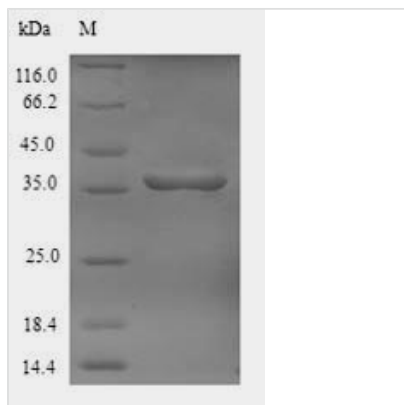


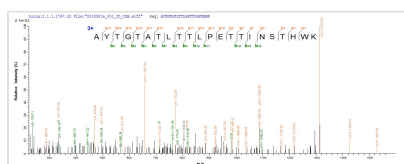


Recombinant Phanerochaete chrysosporium Cellobiose dehydrogenase (CDH-1), partial

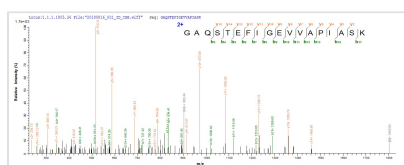
Product Code	CSB-EP312474EUK
Relevance	Degrades both lignin and cellulose. Oxidizes cellobiose to cellobionolactone.
Abbreviation	Recombinant Phanerochaete chrysosporium CDH-1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q01738
Alias	Cellobiose-quinone oxidoreductase
Product Type	Recombinant Protein
Immunogen Species	Phanerochaete chrysosporium (White-rot fungus) (Sporotrichum pruinosum)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QSASQFTDPTTGFQFTGITDPVHDVYGFVFPPLATSGAQSTEFIGEVVAPIAS KWIGIALGGAMNNDLLLVAWANGNQIVSSTRWATGYVQPTAYTGTATLTTLPE TTINSTHWKWWFRCQGCTEWNNGGGIDVTSQGVLAWAFSNVAVDDPSPDQPS TFSEHTDFGFFGIDYSTAHSANYQNYLNGDSG
Research Area	Signal Transduction
Source	E.coli
Target Names	CDH-1
Expression Region	19-208aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	36.3kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP312474EUK could indicate that this peptide derived from E.coli-expressed *Phanerochaete chrysosporium* (White-rot fungus) (*Sporotrichum pruinosum*) CDH-1.



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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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.