

Active Native Bovine, Catalase

Cat. No. CAT-1847B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NativeBovine CAT was expressed in BovineLiver.
Species	Bovine
Source	Bovine Liver
Description	Native BovineCatalase derived from Beef Liver. Beef liver catalase monomer consists of a506 amino acid polypeptide chain plus one heme group and one NADH molecule.Catalase is an enzyme found in the blood and in most living cells thatcatalyzes the decomposition of hydrogen peroxide into water and oxygen.
Form	Liquid
Bio-activity	>25000 U/ml at25°C.
Storage	Store at 2-4 °C . Stable for 2 years.

GENE INFORMATION

Gene Name	CAT catalase [Bos taurus]
Official Symbol	CAT
Synonyms	CAT; catalase; MGC128112

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Gene ID	531682
mRNA Refseq	NM_001035386
Protein Refseq	NP_001030463
UniProt ID	P00432
Chromosome Location	chromosome: 15
Pathway	Amyotrophic lateralsclerosis (ALS); Metabolic pathways; Metabolism; Metabolism of nucleotides; Peroxisome;Purine catabolism; Purine metabolism;
Function	NADP binding; catalaseactivity; heme binding; metal ion binding; oxidoreductase activity; proteinhomodimerization activity

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