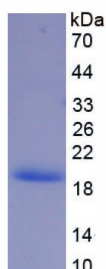
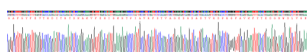


Mouse Catalase (CAT) Protein

Catalogue No.: abx065786



SDS-PAGE analysis of recombinant CAT protein.



Gene sequencing extract of recombinant CAT protein.

Recombinant Catalase (CAT) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target:	Catalase (CAT)
Research Area:	Enzymes and Kinases, Metabolism, Hepatology
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 95%

Datasheet

Version: 4.0.0
Revision date: 21 Oct 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P24270 (UniProt , ExPASy)
KEGG:	mmu:12359
String:	10090.ENSMUSP00000028610
Molecular Weight:	Calculated MW: 19.9 kDa Observed MW (SDS-PAGE): 19 kDa
Sequence Fragment:	Gly80-Asp239
Sequence:	GAFGYFE VTHDITRYSK AKVFEHIGKR TPIAVRFSTV TGESGSADTV RDPRGFAVKF YTEDGNWDLV GNNTPIFFIR DAILFPSFIH SQKRNPQTHL KDPDMVWDFW SLRPESLHQV SFLFSDRGIP DGHHRMNGYG SHTFKLVNAD GEAVYCKFHY KTD
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0 containing 0.01% Sarcosyl and 5% Trehalose.
Concentration:	Prior to lyophilization: 300 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.