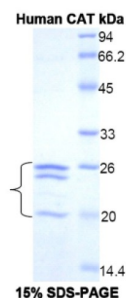


Human Catalase (CAT) Protein

Catalogue No.: abx065785



SDS-PAGE analysis of Human Catalase Protein.

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

Target: Catalase (CAT)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. 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: P04040 ([UniProt](#), [ExPASy](#))

KEGG: hsa:847

Datasheet

Version: 1.0.0
Revision date: 16 Oct 2025



String: [9606.ENSPO0000241052](#)

Molecular Weight: Calculated MW: 20.7 kDa
Observed MW (SDS-PAGE): 25/22/19 kDa

Sequence Fragment: Ala401-Glu523

Sequence: APNYYPNS FGAPEQQPSA LEHSIQYSGE VRRFNTANDD NVTQVRAFVY NVLNEEQRKR
LCENIAGHLK DAQIFIQKKA VKNFTEVHPD YGSHIQALLD KYNAEKPKN IHTFVQSGSH LAARE

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 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.

For Reference Only