

# CAT/Catalase

## Summary

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<b>Catalog No.</b>	YHC05301
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Proteomics
<b>Target</b>	CAT
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Expression system</b>	E. coli
<b>Protein length</b>	CAT / Catalase is cloned from human cell lines and expressed in E.coli.
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	62.07 kDa
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Human
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Note</b>	For research use only.

## Description

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Catalase is a common enzyme found in nearly all living organisms exposed to oxygen which catalyzes the decomposition of hydrogen peroxide to water and oxygen. It is a very important enzyme in protecting the cell from oxidative damage by reactive oxygen species.

## Data Image

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SDS-PAGE

SDS PAGE for recombinant Human CAT