

## Recombinant Catalase Protein (M1-A483), Flag/His-tagged

Cat. No. Catalase-1608 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Flag-6His-TEV-G-Catalase(M1-A483 end) protein with a Flag/His was expressed in E. coli
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-A483
<b>Description</b>	Catalase, an enzyme that brings about (catalyzes) the reaction by which hydrogen peroxide is decomposed to water and oxygen. Found extensively in organisms that live in the presence of oxygen, catalase prevents the accumulation of and protects cellular organelles and tissues from damage by peroxide, which is continuously produced by numerous metabolic reactions. In mammals, catalase is found predominantly in the liver.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU/μg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH 7.5), 200 mM NaCl, 20% glycerol
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<b>Shipping</b>	It is shipped out with blue ice.
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## GENE INFORMATION

<b>Official Symbol</b>	Catalase
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<b>Synonyms</b>	Catalase
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