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

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

SPECIFICATION

Product Overview	Recombinant Flag-6His-TEV-G-Catalase(M1-A483 end) protein with a Flag/His was expressed in E. coli
Source	E.coli
ProteinLength	M1-A483
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
Storage	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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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH 7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Official Symbol	Catalase
Synonyms	Catalase

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