

Recombinant Human CAT

Catalog No: #GP11323



Package Size: #GP11323-1 100ug

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Description

Product Name	Recombinant Human CAT
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 70-250 amino acids of human biglycan
Target Name	catalase
Accession No.	Swissprot:P04040Gene Accession:BC110398
Uniprot	P04040
GeneID	847;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes catalase, a key antioxidant enzyme in the bodies defense against oxidative stress. Catalase is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. Catalase converts the reactive oxygen species hydrogen peroxide to water and oxygen and thereby mitigates the toxic effects of hydrogen peroxide. Oxidative stress is hypothesized to play a role in the development of many chronic or late-onset diseases such as diabetes, asthma, Alzheimer's disease, systemic lupus erythematosus, rheumatoid arthritis, and cancers.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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