

CAT

Native Human Catalase Active Protein

Catalog No.	CSI13566	Quantity:	1.0 mg
Alternate Names:	Cas 1 antibody, CAT antibody, Cs1 antibody, MGC138422 antibody, MGC138424 antibody		
Description:	Purified native Human Catalase protein - Catalase is a common enzyme found in nearly all living organisms that are exposed to oxygen, where it functions to catalyze the decomposition of hydrogen peroxide to water and oxygen. Catalase is a tetramer of four polypeptide chains, each over 500 amino acids long. It contains four porphyrin heme (iron) groups that allow the enzyme to react with the hydrogen peroxide. The optimum pH for human catalase is approximately 7.		
Concentration:	Batch dependent - please inquire should you have specific requirements		
GeneID:	847		
Source:	Human whole blood		
Molecular Weight:	244 kDa		
Formulation:	Frozen in 50mM Tris buffer, pH 8.0.		
Applications:	User optimized		
Storage & Stability:	Aliquot and store at -70°C or lower. Avoid repeated freeze/thaw cycles.		
Biohazard:	Donor samples were tested and found to be negative for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.		

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