

Datasheet for ABIN934518 Catalase Protein (CAT)



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Quantity:1 mgTarget:Catalase (CAT)Origin:HumanSource:HumanProtein Type:NativeProduct DetailsProduct DetailsCharacteristics:Purified native Human Catalase protein Protein Source: Human whole bloodTarget DetailsTarget Catalase (CAT)	
Origin:HumanSource:HumanProtein Type:NativeProduct DetailsVarified native Human Catalase protein Protein Source: Human whole bloodTarget DetailsVarified native Human whole blood	
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Target: Catalage (CAT)	
Talyet. Catalase (CAT)	
Alternative Name: Catalase (CAT Products)	
Background:Catalase is a common enzyme found in nearly all living organisms that are exposed to where it functions to catalyze the decomposition of hydrogen peroxide to water and o Catalase is a tetramer of four polypeptide chains, each over 500 amino acids long. It four porphyrin heme (iron) groups that allow the enzyme to react with the hydrogen per The optimum pH for human catalase is approximately 7. Description: Human whole blood. Alternative Names: CAT antibody, MGC138422 antibody, MGC138424 antibody, Cs1 a Cas 1 antibody	oxygen. contains eroxide.
Molecular Weight: 244 kDa	

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Target Details	
Pathways:	Cellular Glucan Metabolic Process, Cell RedoxHomeostasis, Photoperiodism
Application Details	
Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only
Handling	
Buffer:	Frozen in 50 mM Tris buffer, pH 8.0
Precaution of Use:	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.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-80 °C
Storage Comment:	Aliquot and store at -70 °C or lower.