

## Recombinant Human CAT, His tagged

Cat. No. CAT-2500H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAT (P04040) (Ala 2-Leu 527), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Source</b>	Baculovirus-Insect Cells
<b>Species</b>	Human
<b>Tag</b>	His
<b>Form</b>	Lyophilized from 0.2µm filtered solution of 50mM Tris, 100mM NaCl, pH 8.0, 10% gly
<b>Molecular Mass</b>	The recombinant human CAT consists of 545 amino acids and predicts a molecular mass of 61.9 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~ -70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4oC before opening to recover the entire contents.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

1/2

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## GENE INFORMATION

Gene Name	CAT catalase [ Homo sapiens ]
Official Symbol	CAT
Gene ID	847
mRNA Refseq	NM_001752
Protein Refseq	NP_001743
MIM	115500
UniProt ID	P04040

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2/2

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