

Recombinant Human CAT, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human CAT (P04040) (Ala 2-Leu 527), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
Source	Baculovirus-Insect Cells
Species	Human
Tag	His
Form	Lyophilized from 0.2µm filtered solution of 50mM Tris, 100mM NaCl, pH 8.0, 10% gly
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	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.


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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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