

Catalase-2 (CAT2) Recombinant Protein | CAT2 recombinant protein

Recombinant Arabidopsis thaliana Catalase-2 (CAT2)

CATALOG # AAA115074	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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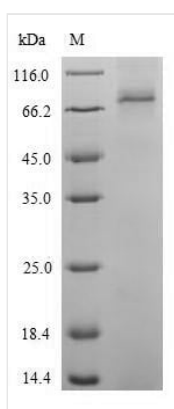
PRODUCT SYNONYMS

Catalase-2 (CAT2); Recombinant Arabidopsis thaliana Catalase-2 (CAT2); Catalase-2; EC=1.11.1.6; CAT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-492aa; Full Length
Sequence	MDPYKYRPAS SYNSPFFTTN SGAPVWNNNS SMTVGPRGPI LLEDYHLVEK LANFDRERIP ERVVHARGAS AKGFFEVTHTD ISNLTCAFL RAPGVQTPVI VRFSTVIHER GSPETLRDPR GFAVKFYTRE GNFDLVGNMF PVFFIRDGMK FPDVHAKLP NPKSHIQENW RILDFFSHHP ESLNMFTFLF DDIGIPQDYR HMDGSGVNTY MLINKAGKAH YVKFHWKPTC GVKSLLEEDA IRVGGTNHSH ATQDLYDSIA AGNYPEWKLF IQIIDPADED KFDPLDVT KTWPEDILPL QPVGRMVLNK NIDNFFAENE QLAFCPAIV PGIHYSDDKL LQTRVFSYAD TQRHRLGPNY LQLPVNAPKC AHHNNHHEGF MNFMHRDEEV NYFPSRYDQV RHAKEYTPP AVCSGKRERC IIEKENNFKE PGERYRTFTP ERQERFIQRW IDALSDPRIT HEIRSIWISY WSQADKSLGQ KLASRLNVRP SI
Sequence Length	492
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CAT2 recombinant protein	Occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15236264
NCBI GeneID	829661
NCBI Accession #	NP_195235.1
NCBI GenBank Nucleotide #	NM_119675.3
UniProt Accession #	P25819; O49615
Molecular Weight	72.9 kDa
NCBI Official Full Name	catalase 2
NCBI Official Symbol	CAT2
NCBI Official Synonym Symbols	CATALASE; catalase 2; T12J5.2
NCBI Protein Information	catalase 2
UniProt Protein Name	Catalase-2
UniProt Gene Name	CAT2
UniProt Synonym Gene Names	CAT
UniProt Entry Name	CATA2_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cat2-recombinant-protein-e-coli/115074>