

Recombinant Arabidopsis Thaliana APX2 Protein (4-250 aa), His-tagged

Cat. No. APX2-1271A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) APX2 Protein (4-250 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Arabidopsis Thaliana
Source	E.coli
ProteinLength	4-250 aa
Description	Plays a key role in hydrogen peroxide roval.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.5 kDa
AA Sequence	KSYPEVKEEYKKAVQRCKRKLRGLIAEKHCAPIVLRLAWHSAGTFDVKTGTGGPFGT IRHPQELAHDANGLDIAVRLLDPIKELFPILSYADFYQLAGVVAVEITGGPEIPFHPG RLDKVEPPPEGRLPQATKGVDHLRDVFGRMGLNDKDIVALSGGHTLGRCHKERSG FEGAWTPNPLIFDNSYFKEILSGEKEGLLQLPTDKALLDDPLFLPFVEKYAAEDDAFF EDYTEAHLKLSELGFADK
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

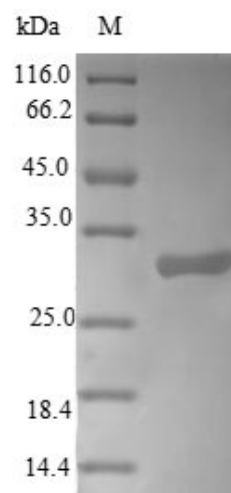
GENE INFORMATION

Gene Name	APX2 ascorbate peroxidase 2 [Arabidopsis thaliana (thale cress)]
Official Symbol	APX2
Synonyms	APX1B; ASCORBATE PEROXIDASE 1B; ascorbate peroxidase 2; CS2;
Gene ID	820121
mRNA Refseq	NM_111798
Protein Refseq	NP_187575
UniProt ID	Q1PER6

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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