

APX2, cytosolic Protein, Arabidopsis thaliana, Recombinant (His)

General Information

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| Synonyms: | APX1B;L-ascorbate peroxidase 2, cytosolic;APX2;cytosolic;L-ascorbate peroxidase 1b (APX1b;AtAPx02) |
| Protein Construction: | 4-250 aa |
| Species: | Arabidopsis thaliana |
| Expression Host: | E. coli |
| Accession: | Q1PER6 |
| Molecular Weight: | 31.5 kDa (predicted) |
| AA Sequence: | KSYPEVKEEYKKA VQRCKRKLRLGLIAEKHCAPIVLRLAWHSAGTFDVKTKTGGPFGTIRHPQELAHDANNGLD IAVRLLDPIKELFPILSYADFYQLAGVVAVEITGGPEIPFHPGRLDKVEPPPEGRLPQATKGV DHLRDVFGRMGL NDKDIVALSGGHTLGRCHKERSGFEGAWTPNPLIFDNSYFKEILSGEKEGLLQLPTDKALLDDPLFLPFVEKYA AEDDAFFEDYTEAHLKLSLGFADK |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by SDS-PAGE. |
| Endotoxin: | < 1.0 EU/μg of the protein as determined by the LAL method. |
| Formulation: | Lyophilized from a solution filtered through a 0.22 μm filter, containing 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0 |

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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