**>maker\_00053869 P48534 (unpublished cytosolic APX sequenceof *Cymopsis tetragonoloba*)**

|  |  |
| --- | --- |
| **Description** | L-ascorbate peroxidase, cytosolic (AP) (EC 1.11.1.11) (PsAPx01) APX1 APPX1 Pisum sativum (Garden pea) 1.11.1.11  |
| **Gene ontology** | GO:0005737; GO:0006979; GO:0016688; GO:0020037; GO:0042744; GO:0046872 cytoplasm [GO:0005737]; heme binding [GO:0020037]; L-ascorbate peroxidase activity [GO:0016688]; metal ion binding [GO:0046872]; hydrogen peroxide catabolic process [GO:0042744]; response to oxidative stress [GO:0006979] hydrogen peroxide catabolic process [GO:0042744]; response to oxidative stress [GO:0006979] cytoplasm [GO:0005737] L-ascorbate-peroxidase activity [GO:0016688]; heme binding [GO:0020037]; metal ion binding [GO:0046872] |
| **Sequence** | ATGGCAATTGGAAGAGGCCTTCTTTCTCACCACTCCTTCAAGGTAAGAGTGGTAAAAAATGAAGGGTTTGTAGTCCAGGGCCCTCAACAGATTGATGTAACATCTTTTCAATTATTTTGATGGTAGAAGTCAGCATAGCTCAAAATAGGGAATTCCTGTTTAATAGGCTCAACAATCTTACAGTGATGTCAAGCCCGTTGTTAGCACCGTGGGCAAGTTCAGAAGGGTGCTTGATAGTTCCGAATGGACCACCCGTCTTCGTTTTATGGTTAAATGTCCCAGCCAGTGCCATCTACAAATATACCATGAAGCTATACTAAGCATCAAAGGAGCACATCTCTTCTCAGTGATGAAATCTCTGAGCTTCCTCTTGGCCTTCTCAACAGCCTTTTTGGTAATCTGCACTCACAGTTGGGTAGGACTTGCCCATAGCTAA |