

# Recombinant *N. tabacum* AP24 Protein, His-SUMO-tagged

**Cat. No.** AP24-1125N    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Nicotiana tabacum</i> AP24 Protein (22-246aa) was expressed in <i>E. coli</i> with His-SUMO tag.                                                                                                                                    |
| <b>Species</b>          | <i>N. tabacum</i>                                                                                                                                                                                                                                  |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                     |
| <b>Protein Length</b>   | 22-246 a.a.                                                                                                                                                                                                                                        |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 40.3 kDa                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | ATIEVRNNCPYTVWAASTPIGGGRRLDRGQTWVINAPRGTKMARVWGRTNCNFNA<br>AGRGTCQTGDCGGVLQCTGWGKPPNTLAEYALDQFSGLDLFDISLVDGFNIPMTF<br>APTNPSSGGKCHAIHCTANINGECPRELRVPGGCNNPCTTFGGQQYCCTQGPGCPT<br>FFSKFFKQRCPDAYSYPQDDPTSTFTCPGGSTNYRVIFCPNGQAHPNFPLEMPGSD<br>EVAK |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                        |
| <b>Storage</b>          | 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.                                                                                      |

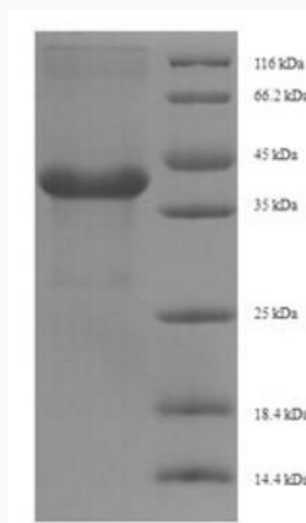
## GENE INFORMATION

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|                        |                                                       |
|------------------------|-------------------------------------------------------|
| <b>Gene Name</b>       | osmotin [ <i>Nicotiana tabacum</i> (common tobacco) ] |
| <b>Official Symbol</b> | AP24                                                  |
| <b>Synonyms</b>        | osmotin; basic beta-1,3-glucanase; AP24               |
| <b>Gene ID</b>         | 107787819                                             |
| <b>mRNA Refseq</b>     | NM_001325445.1                                        |
| <b>Protein Refseq</b>  | NP_001312374.1                                        |
| <b>UniProt ID</b>      | P14170                                                |



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