

## PRODUCT DATASHEET

### OVERVIEW

---

|                          |   |
|--------------------------|---|
| <b>PRODUCT NAME</b>      | Recombinant Common ragweed Amb a 1 Protein, N-His |
| <b>PRODUCT REFERENCE</b> | ARO-P16888  |
| <b>ORIGIN SPECIES</b>    | Common ragweed                                    |
| <b>SOURCE</b>            | CBW30986.1  |
| <b>FRAGMENT</b>          | Ala26-Cys396                                      |
| <b>TAG</b>               | N-His Tag   |

### PRODUCT INFORMATION

---

|                                |  |
|--------------------------------|--|
| <b>EXPRESSION SYSTEM</b>       | Prokaryotic expression   |
| <b>PRODUCTION HOST</b>         | <i>Escherichia coli (E. coli)</i>  |
| <b>MOLECULAR WEIGHT</b>        | 42.12 kDa  |
| <b>FORM</b>                    | Lyophilized  |
| <b>BUFFER</b>                  | Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.   |
| <b>STABILITY &amp; STORAGE</b> | Store at 4°C for short term while lyophilized.<br>Freeze and store at -20°C or -80°C for long term.<br>Addition of 20 to 40 % glycerol may improve cryoprotection.<br>Avoid freeze/thaw cycles, aliquot the product according to your needs. |