

# Recombinant Arabidopsis thaliana NIT2 Protein (M1-K339), His-tagged

**Cat. No.** NIT2-1471A    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Arabidopsis thaliana 6His-TEV-G-NIT2 (M1-K339 end) protein with a His tag was expressed in E. coli                                                      |
| <b>Species</b>          | Arabidopsis thaliana                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                              |
| <b>ProteinLength</b>    | M1-K339                                                                                                                                                             |
| <b>Description</b>      | Can convert indole-3-acetonitrile to the plant hormone indole-3-acetic acid.                                                                                        |
| <b>Form</b>             | Liquid                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.01 EU/μg of the protein                                                                                                                                         |
| <b>Purity</b>           | 90%                                                                                                                                                                 |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b>   | Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------|----------------------------------|
| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | NIT2 |
|------------------------|------|

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| <b>Synonyms</b> | Nitrilase 2; NIT2; EC:3.5.5.1 |
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| <b>UniProt ID</b> | <a href="#">P32962</a> |
|-------------------|------------------------|

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