

## Transcription factor HY5 (HY5) Recombinant Protein | HY5 recombinant protein

Recombinant Arabidopsis thaliana Transcription factor HY5 (HY5)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA115965</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Transcription factor HY5 (HY5); Recombinant Arabidopsis thaliana Transcription factor HY5 (HY5); HY5 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                    |
| Sequence Positions      | 1-168, Full length protein                                                                                                                                                                          |
| Sequence                | MQEQATSSLA ASSLPSSSER SSSSAPHLEI KEGIESDEEI RRVPEFGGEA VGKETSGRES GSATGQERTQ<br>ATVGESQRKR GRTPAEKENK RLKRLLRNRV SAQQARERKK AYLSELENRV KLENKNSEL EERLSTLQNE<br>NQMLRHILKN TTGNKRGGGG GSNADASL       |
| Sequence Length         | 168                                                                                                                                                                                                 |
| Species                 | Arabidopsis thaliana (Mouse-ear cress)                                                                                                                                                              |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |

### NCBI AND UNIPROT INFORMATION

|                               |                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                     | <a href="#">18416509</a>                                                                                           |
| NCBI GeneID                   | <a href="#">830996</a>                                                                                             |
| NCBI Accession #              | <a href="#">NP_568246.1</a>                                                                                        |
| NCBI GenBank Nucleotide #     | <a href="#">NM_121164.5</a>                                                                                        |
| UniProt Accession #           | <a href="#">O24646</a>                                                                                             |
| Molecular Weight              | 18,463 Da                                                                                                          |
| NCBI Official Full Name       | Basic-leucine zipper (bZIP) transcription factor family protein                                                    |
| NCBI Official Symbol          | HY5                                                                                                                |
| NCBI Official Synonym Symbols | BZIP TRANSCRIPTION FACTOR HY5; ELONGATED HYPOCOTYL 5; F2I11.150; F2I11_150; REVERSAL OF THE DET PHENOTYPE 5; TED 5 |
| NCBI Protein Information      | Basic-leucine zipper (bZIP) transcription factor family protein                                                    |
| UniProt Protein Name          | Transcription factor HY5                                                                                           |
| UniProt Gene Name             | <b>HY5</b>                                                                                                         |
| UniProt Synonym Gene Names    | BZIP56; AtbZIP56                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hy5-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115965>