

## Green fluorescent protein Recombinant Protein | GFP recombinant protein

Recombinant Aequorea victoria (Jellyfish) Green fluorescent protein

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA114611</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

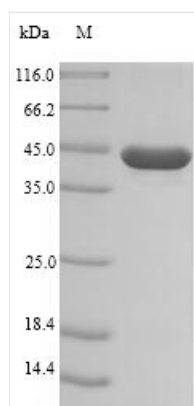
### PRODUCT SYNONYMS

Green fluorescent protein; Recombinant Aequorea victoria (Jellyfish) Green fluorescent protein; GFP recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| 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      | 1-238aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                | MSKGEELFTG VVPILVELDG DVNGHKFSVS GEGEGDATYG KLTCLKICTT GKLPVPWPTL VTTFSGYVQC<br>FSRYPDHMKQ HDFFKSAMPE GYVQERTIFF KDDGNYKTRA EVKFEGDTLV NRIELKGIDF KEDGNILGHK<br>LEYNYNSHNV YIMADKQKNG IKVNFKIRHN IEDGSQLAD HYQQNTPIGD GPVLLPDNHY LSTQSALSKD<br>PNEKRDHMLV LEFVTAAGIT HGMDELYK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Production Note         | <b>Special Offer:</b> The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our <b>or email to</b> for more details. |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                |                                                                                                                                                                                                                                                             |
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| <b>Related Product Information for GFP recombinant protein</b> | Energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Fluoresces in vivo upon receiving energy from the Ca <sup>2+</sup> -activated photoprotein aequorin. |
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## NCBI AND UNIPROT INFORMATION

|                         |                                |
|-------------------------|--------------------------------|
| NCBI GI #               | 1169893                        |
| UniProt Accession #     | P42212; Q17104; Q27903; Q93125 |
| Molecular Weight        | 28.9 kDa                       |
| NCBI Official Full Name | Green fluorescent protein      |
| UniProt Protein Name    | Green fluorescent protein      |
| UniProt Gene Name       | <b>GFP</b>                     |
| UniProt Entry Name      | GFP_AEQVI                      |

**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://www.aaabiotech.com/gfp-recombinant-protein-e-coli/114611>