

## Neurofibromin (NF1) Recombinant Protein | NF1 recombinant protein

Recombinant Chicken Neurofibromin (NF1)

|                               |                                                                 |
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| CATALOG #<br><b>AAA113319</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Neurofibromin (NF1); Recombinant Chicken Neurofibromin (NF1); NF1 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      | 1-270aa; Partial                                                                                                                                                                                                                                                                                                |
| Sequence                | RARVIHSLCT CSQLHFSEET KQVLRSLTE FSLPKFYLLF GISKVKSAAV IAFRSSYRDR SFSPGSYERE<br>TFALTSLETV TEALLEIMEA CMRDIPTCKW LDQWTELAQK FAFQYNPSLQ PRALVVFGCI SKRVSHGQIK<br>QIIRILSKGL ESCLKGPDNY NSQVLEATV IALTKLQPLL NKDSPMHKAL FWVAMAVLEL DEVNLYSAGT<br>ALLEQNLHTL DSLRVFNDKS PEEVFMEIRR PLEWHCKQMD HFVGLNFNSN FNFALVGPGP |
| Species                 | Chicken                                                                                                                                                                                                                                                                                                         |
| 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.                                                                                                             |

### ADDITIONAL INFORMATION

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| Related Product Information for NF1 recombinant protein | This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. |
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### NCBI AND UNIPROT INFORMATION

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|----------------------------------|-----------------|
| NCBI GI #                        | 548349          |
| NCBI GeneID                      | 396085          |
| UniProt Accession #              | P35608          |
| Molecular Weight                 | 30,754 Da       |
| NCBI Official Full Name          | Neurofibromin   |
| NCBI Official Synonym Full Names | neurofibromin 1 |
| NCBI Official Symbol             | NF1             |
| NCBI Protein Information         | neurofibromin   |
| UniProt Protein Name             | Neurofibromin   |
| UniProt Gene Name                | <b>NF1</b>      |

**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/nf1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113319>