

## Recombinant Human ANXA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ANXA3-2266H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ANXA3 MS Standard C13 and N15-labeled recombinant protein (NP_005130) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.  |
| <b>Molecular Mass</b>   | 36.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MASIWVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQLIVK<br/> EYQAAYGKELKDDLKGDLSGHFEHLMVALVTPPAVFDAKQLKKSMKGAGTNEDALI<br/> EILTTTRTSRQMKDISQAYYTVYKKS LGDDISSETSGDFRKALLTLADGRRDESLKVDE<br/> HLAKQDAQILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFEYRNISQKDIVDSIKG<br/> ELSGHFEDLLLAIVNCVRNTPAFLAERLHRALKGIGTDEFTLNRMVSRSEIDLLDIRTE<br/> FKKHYGYSLYSAIKSDTSGDYEITLLKICGGDDTRTRPLEQKLISEEDLAANDILDYKD<br/> DDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                    |

 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

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

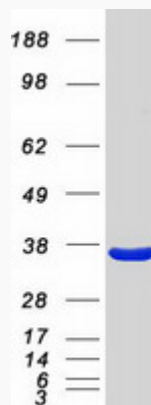
|                        |                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">ANXA3 annexin A3 [ Homo sapiens (human) ]</a>                                                                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | <a href="#">ANXA3</a>                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | ANXA3; annexin A3; ANX3; PAP-III; annexin-3; lipocortin III; 35-alpha calcimedlin; calcimedlin 35-alpha; Annexin III (lipocortin III); placental anticoagulant protein III; inositol 1,2-cyclic phosphate 2-phosphohydrolase; annexin III (lipocortin III, 1,2-cyclic-inositol-phosphate phosphodiesterase, placental anticoagulant protein III, calcimedlin 35-alpha); |
| <b>Gene ID</b>         | <a href="#">306</a>                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | <a href="#">NM_005139</a>                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | <a href="#">NP_005130</a>                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | <a href="#">106490</a>                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | <a href="#">P12429</a>                                                                                                                                                                                                                                                                                                                                                  |

 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

## SDS-PAGE



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