

## Recombinant Human ANXA3 Protein (5-322 aa), His-tagged

**Cat. No.** ANXA3-2191H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ANXA3 Protein (5-322 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 5-322 aa                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | Inhibitor of phospholipase A2, also possesses anti-coagulant properties. Also cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate.                                                                                                                                                                               |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 37.9 kDa                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | WVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQLIVKEYQA<br>AYGKELKDDLKGDLSGHFEHLMVALVTPPAVFDKQLKKSMKGAGTNEDALIEILTT<br>RTSRQMKDISQAYYTVYKKS LGDDISSETSGDFRKALLTLADGRRDESLKVDEHLAK<br>QDAQILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFDEYRNISQKDIVDSIKGELSG<br>HFEDLLLAIVNCVRNTPAFLAERLHRALKGIGTDEFTLNRMVSRSEIDLLDIRTEFKKH<br>YGYSLYSAIKSDTSGDYEITLLKICGGD |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                   |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.                                                                                                                                                                                                                |

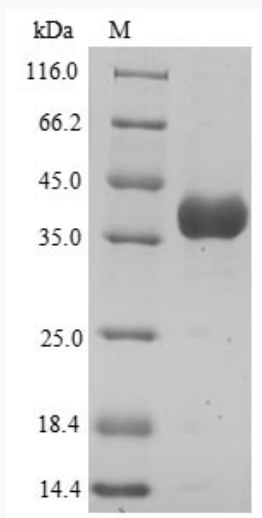
## GENE INFORMATION

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ANXA3 annexin A3 [ Homo sapiens ]                                                                        |
| <b>Official Symbol</b> | ANXA3                                                                                                    |
| <b>Synonyms</b>        | ANXA3; annexin A3; ANX3; PAP-III; annexin-3; lipocortin III; 35-alpha calcimedlin; calcimedlin 35-alpha; |
| <b>Gene ID</b>         | 306                                                                                                      |
| <b>mRNA Refseq</b>     | NM_005139                                                                                                |
| <b>Protein Refseq</b>  | NP_005130                                                                                                |
| <b>MIM</b>             | 106490                                                                                                   |
| <b>UniProt ID</b>      | P12429                                                                                                   |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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