

## Recombinant Human ANXA8 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ANXA8-5770H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ANXA8 MS Standard C13 and N15-labeled recombinant protein (NP_001035173) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | <p>This gene encodes a member of the annexin family of evolutionarily conserved Ca<sup>2+</sup> and phospholipid binding proteins. The encoded protein may function as an anticoagulant that indirectly inhibits the thromboplastin-specific complex.</p> <p>Overexpression of this gene has been associated with acute myelocytic leukemia. A highly similar duplicated copy of this gene is found in close proximity on the long arm of chromosome 10.</p> |
| <b>Molecular Mass</b>   | 36.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MAWWKSWIEQEGVTVKSSSHFNPDPAETLYKAMKGIGTNEQAIIDVLTKRSNTQR<br>QQIAKSFKAQFGKDLTETLKSELGKFERLIVALMYPPYRYEAKELHDAMKGLGTKE<br>GVIIILASRTKNQLREIMKAYEEDYGSSLEEDIQADTSGYLERILVCLLQGSRDDVSS<br>FVDPALALQDAQDLYAAGEKIRGTDDEMKFITILCTRSATHLLRVFEEYEKIANKSIEDSI<br>KSETHGSLEEAMLTVVKCTQNLHSYFAERLYYAMKGAGTRDGTLRNIVSRSEIDLNL<br>IKCHFCKMYGKTLSSMIMEDTSGDYKNALLSLVGSDPSGPTRTRPLEQKLISEEDLAA<br>NDILDYKDDDDKV                                                               |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <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>       | ANXA8 annexin A8 [ Homo sapiens (human) ]                                                          |
| <b>Official Symbol</b> | ANXA8                                                                                              |
| <b>Synonyms</b>        | ANXA8; annexin A8; ANX8; VAC-beta; annexin-8; annexin VIII; vascular anticoagulant-beta; FLJ53095; |
| <b>Gene ID</b>         | 653145                                                                                             |
| <b>mRNA Refseq</b>     | NM_001040084                                                                                       |
| <b>Protein Refseq</b>  | NP_001035173                                                                                       |
| <b>MIM</b>             | 602396                                                                                             |
| <b>UniProt ID</b>      | P13928                                                                                             |

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