

## Recombinant Human ANXA2 protein, His-tagged

**Cat. No.** ANXA2-5733H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ANXA2 protein(P07355)(Ser2-Asp339), fused with N-terminal His tag, was expressed in E.coli.                                               |
| <b>Species</b>          | Human                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                      |
| <b>ProteinLength</b>    | Ser2-Asp339                                                                                                                                                 |
| <b>Tag</b>              | N-His                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                              |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 39.6 kDa same as Tris-Bis PAGE result.                                                                                    |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE                                                                                                                        |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                    |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |

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## GENE INFORMATION

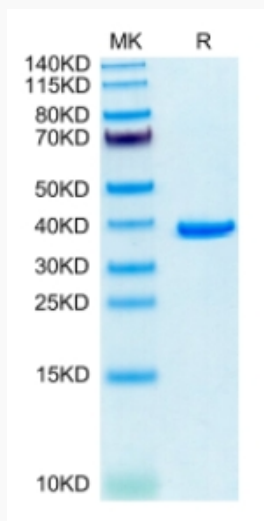
|                        |                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ANXA2 annexin A2 [ Homo sapiens ]                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | ANXA2                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | ANXA2; annexin A2; ANX2, ANX2L4, CAL1H, LPC2D; annexin II; LIP2; annexin-2; protein I; lipocortin II; chromobindin 8; chromobindin-8; calpactin I heavy chain; calpactin-1 heavy chain; calpactin I heavy polypeptide; placental anticoagulant protein IV; P36; ANX2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV; |
| <b>Gene ID</b>         | 302                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_001002857                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_001002857                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>             | 151740                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P07355                                                                                                                                                                                                                                                                                                    |

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Tris-Bis PAGE



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