

## 32-8342: Recombinant Human Annexin A3/ANXA3

**Gene :** ANXA3

**Gene ID :** 306

**Uniprot ID :** P12429

### Description

Source: E. coli.

MW :36.4kD.

Recombinant Human Annexin A3 is produced by our E.coli expression system and the target gene encoding Met1-Asp323 is expressed. Annexin A3(ANXA3)contains 4 annexin repeats and belongs to 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. It is abnormally expressed in fetuses of both IVF and ICSI, which may contribute to the increase risk of birth defects in these ART. ANXA3 is Inhibitor of phospholipase A2 and cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. it also also play a role in anti-coagulant properties.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** MASIWVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQLVIVKEYQAAYGKELKDDLKGD  
LSGHFEHLMVALVTPPAVFDKQLKKSMMKGAGTNEDALIEILTTRTSRQMKDISQAYYTVYKSLGDDISSETSG  
DFRKALLTLADGRRDESLKVDEHLAKQDAQILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFEYRNISQKDIV  
DSIKGELSGHFEDLLLAIVNCVRNTPAFLAERLHRALKGIGTDEFTLNRIMVSRSEIDLLDIRTEFKKHGYSLYSAI  
KSDTSGDYEITLLKICGGDD

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.