

## 32-7183: Recombinant Human Annexin A2/ANXA2(Discontinued)

**Gene :** ANXA2

**Gene ID :** 302

**Uniprot ID :** P07355

### Description

Source: E.coli.

MW :38.6kD.

Recombinant Human Annexin A2 is produced by our E.coli expression system and the target gene encoding Ser2-Asp339 is expressed. Annexin A2 (ANXA2) is a member of the annexin family and has roles in the regulation of cellular growth and in signal transduction pathways. ANXA2 protein is associated with sickle cell osteonecrosis and the expression reduce of ANXA2 is associated with osteosarcoma metastases. ANXA2 functions as an autocrine factor, it can increases osteoclast formation and bone resorption. ANXA2 is involved in muscular dystrophies. In humans, the up-regulation of ANXA2 is related with colon adenocarcinoma cell differentiation.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 1mM EDTA, pH 7.5 .

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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 :** MSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVITIVNLTNRSNAQRQDIAFAYQ  
RRTKKELASALKSALSGLHLETVILGLLKTPAQYDASELKASKMGLGTDEDSLIEICSRTNQELQEINRVYKEMYK  
TDLEKDIISDTSGDFRKLMLVALAKGRRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDVDPKWISIMTERSVPHLQ  
KVFDRYKSYSPYDMLIESIRKEVKGDLENAFLNLVQCIQNKPLYFADRLYDSMKGKGTRDKVLIRIMVSRSEVDM  
LKIRSEFKRKYGKSLYYYIQQDTKGDYQKALLYLCGGDD

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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