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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 .
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 :	MSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNILTNRSNAQRQDIAFAYQ RRTKKELASALKSALSGHLETVILGLLKTPAQYDASELKASMKGLGTDEDSLIEIICSRTNQELQEINRVYKEMYK TDLEKDIISDTSGDFRKLMVALAKGRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDVPKWISIMTERSVPHLQ KVFDRYKSYSPYDMLESIRKEVKGDLENAFLNLVQCIQNKPLYFADRLYDSMKGKGTRDKVLIRIMVSRSEVDM 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 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.