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## Product Datasheet

### Recombinant Human ANXA1 EBT-EPT043

Article Name	Recombinant Human ANXA1
Biozol Catalog Number	EBT-EPT043
Supplier Catalog Number	EPT043
Alternative Catalog Number	EBT-EPT043-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Annexin A1 is produced by our E.coli expression system and the target gene encoding Ala2-Asn346 is expressed....
Molecular Weight	Molecular weight: 38.58 KDa. Apparent molecular weight: 34 KDa, reducing conditions
UniProt	<a href="#">P04083</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Annexin A1 is the first characterized member of the annexin family of proteins and is able to bind to cellular membranes in a calcium-dependent manner, promoting membrane fusion and endocytosis. Annexin A1 has anti-inflammatory properties and inhibits phospholipase A2 activity. Annexin A1 also has roles in many diverse cellular functions, such as membrane aggregation, inflammation, phagocytosis, proliferation, apoptosis, and tumorigenesis and cancer development. ANXA1 is strongly expressed on the cell membrane and occasionally in the cytoplasm of tumor cells in 97% of samples from patients with hairy cell leukemia