

Recombinant Human ANXA, His-tagged

Cat. No. ANXA6-9699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXAHis-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	<p>Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described.</p>
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	ANXA6 annexin A6 [Homo sapiens]
Official Symbol	ANXA6
Synonyms	ANXA6; annexin A6; ANX6; p68; p70; CPB-II; annexin-6; calelectrin; lipocortin VI; calphobindin II; calphobindin-II; chromobindin-20; annexin VI (p68); 67 kDa calelectrin; calcium-binding protein p68; CBP68;
Gene ID	309
mRNA Refseq	NM_001155
Protein Refseq	NP_001146
MIM	114070
UniProt ID	P08133
Chromosome Location	5q33.1
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Prostaglandin Synthesis and Regulation, organism-specific biosystem;
Function	calcium ion binding; calcium-dependent phospholipid binding; protein binding;

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