Recombinant Human ANXA6, His-tagged

Cat. No. ANXA6-27320TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-673 of Human Annexin VI with His tag. MWt 79 kDa
Species	Human
Source	E.coli
ProteinLength	1-673 a.a.
Description	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.
Conjugation	HIS
Form	Liquid
Purity	Immunogen affinity purified

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Storage buffer	Preservative: 100mM ImidazoleConstituents: 0.5M Sodium chloride, 20mM Tris HCl, 1mM Beta mercaptoethanol, pH 8
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the annexin family.Contains 8 annexin repeats.
Full Length	Full L.

GENE INFORMATION

Gene Name	ANXA6 annexin A6 [Homo sapiens]
Official Symbol	ANXA6
Synonyms	ANXA6; annexin A6; ANX6;
Gene ID	309
mRNA Refseq	NM_001155
Protein Refseq	NP_001146
MIM	114070
Uniprot ID	P08133
Chromosome Location	5q33.1

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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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