

Recombinant Human ANXA6 Protein, His-tagged

Cat. No. ANXA6-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA6 Protein 1-673 aa (full-length) with a 6xHis tag was expressed in E.coli.
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.
Molecular Mass	78.6 kDa
Purity	>95% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).
Applications	ELISA, WB, Antibody Production, Protein array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB) serum and peptide fingerprinting by MALDI-TOF-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.
Shipping	Dry Ice
GENE INFORMATION	
Gene Name	ANXA6 annexin A6 [Homo sapiens (human)]
Official Symbol	ANXA6
Synonyms	ANXA6; annexin A6; p68; p70; ANX6; CBP68; CPB-II; annexin A6; 67 kDa calelectrin; annexin VI (p68); annexin-6; calcium-binding protein p68; calelectrin; calphobindin II; chromobindin-20; lipocortin VI; testis secretory sperm-binding protein Li 198a
Gene ID	309
mRNA Refseq	NM_001155
Protein Refseq	NP_001146
MIM	114070

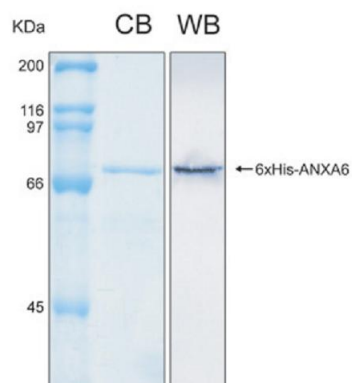
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