

## Recombinant Human Annexin A6, His-tagged

Cat. No. ANXA6-1839H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Annexin A6 fused to His-tag at N-terminus was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 78.0 kDa (693aa).
<b>Species</b>	Human
<b>Source</b>	<i>E.coli</i>
<b>Description</b>	Annexin A6 belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin6 has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.
<b>Purity</b>	> 90% by SDS – PAGE.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHSSGLVPRGSHMAKPAQGAKYRGSIHDFPGFDPNQDAEALY TAMK G FGSDKEAILDITSRSNRQRQEVCSYKSLYGKDLIADLKYELTGKFERLIVGLM RP PA YCDAKEIKDAISGIGTDEKCLIEILASRTNEQMHQLVAAYKDAYERDLEADIIGDT S GH FQKMLVLLQGTTREDDVVSIEDLVQQDQDLYEAGELKWGTDEAQFIYILGNR

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

S KQ HLRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERL FKA  
 MKGL G TR DNTLIRIMVS RSELDMLDIR EIFRTKYEKS LYSMIKNDTS GEYKKTLLK  
 L SGGDDDAAGQ FFPEAAQVAYQMWELSAVAR VELKGTVRPA NDFNPDADAK AL  
 RKAMKGLGTDEDTIIDITHRSNVQRQQIRQTFKSHFGRDLMTDLKSEISG DLAR LIL  
 GLMMPPAHYDAKQLKKAMEGAGTDEKALIEILATRTNAEIRAINAYKED YHKSL ED  
 ALS SDTSGHFRI LISLATGHRE EGGENLDQAREDAQVAEIL EIADTPSGDK TSL  
 ETRFMTILCTRSYPHLRRVVFQEFIKMTNYDVEHTIKKEMSGDVRDAFVAIV QSV KNK  
 PLFFADKLYKSMKGAGTDEKTLTRIMVSRSEIDLLNIRREFIEKYDKSLH QAIEG DTS  
 GD FLKALLALCG GED.

**Storage**

can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

**Gene Name**

ANXA6 annexin A6 [ [Homo sapiens](#) ]

**Synonyms**

annexin A6; ANX6; CBP68; ANXA6; 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;Annexin VI; Lipocortin VI; Annexin-6;  
 Protein III; Calphobindin-II; Chromobindin-20

**Gene ID**

309

**mRNA Refseq**

[NM\\_001155](#)

**Protein Refseq**

[NP\\_001146](#)

**MIM**

114070

**UniProt ID**

[P08133](#)

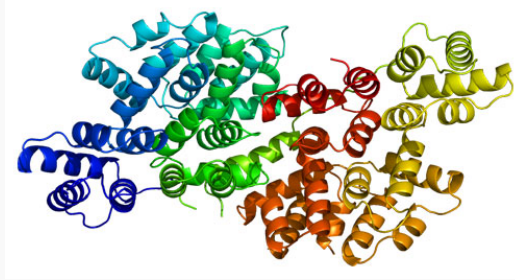
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Chromosome Location</b>	5q32-q34
<b>Function</b>	calcium ion binding; calcium-dependent phospholipid binding; protein binding

PDB rendering based on 1avc



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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