

Recombinant Human Annexin A6, His-tagged

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.
Purity	> 90% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHHSSGLVPRGSHMAKPAQGAKYRGSIHDFPGFDPNQDAEALY TAMK G FGSDKEAILDITSRSNRQRQEVCSYKSLYGKDLIADLKYELTGKFERLIVGLM RP PA YCDAKEIKDAISGIGTDEKCLIEILASRTNEQMHQLVAAYKDAYERDLEADIIGDT S GH FQKMLVLLQGTREDDVVSIEDLVQQDVQDLYEAGELKWGTDEAQFIYLGNR

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S KQ HLRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERL FKA
 MKGL G TR DNTLIRIMVS RSELDMLDIR EIFRTKYEKS LYSMIKNDTS GEYKKTLLK
 L SGGDDDAAGQ FFPEAAQVAYQMWELSAVAR VELKGTVRPA NDFNPDADAK AL
 RKAMKGLGTDEDTIIDIITHRSNVQRQQIRQTFKSHFGRDLMTDLKSEISG DLAR LIL
 GLMMPPAHYDAKQLKKAMEGAGTDEKALIEILATRTNAEIRAINAEYKED YHKSL ED
 ALS SDTSGHFRRILISLATGHRE EGGENLDQAREDAQVAEIL EIADTPSGDK TSL
 ETRFMTILCTRSYPHLRRVFQEFIKMTNYDVEHTIKKEMSGDVRDAFVAIV 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

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Chromosome Location	5q32-q34
Function	calcium ion binding; calcium-dependent phospholipid binding; protein binding

PDB rendering based on 1avc

