

Recombinant Human ANXA6 protein, GST-tagged

Cat. No. ANXA6-636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANXA6 full-length ORF (NP_001146.2, 1 a.a. - 673 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2010]
Molecular Mass	102.3 kDa
AA Sequence	MAKPAQGAKYRGSIHDFPGFDPNQDAEALYTAMKGFSGDKEAILDIITSRSNRQRQE VCQSYKSLYGKDLIADLKYELTGKFERLIVGLMRPPAYCDAKEIKDAISGIGTDEKCLI EILASRTNEQMHQLVAAYKDAYERDLEADIIGDTSGHFQKMLVVLLQGTREEDDVVS EDLVQQQDVQDLYEAGELKWGTDEAQFIYILGNRSKQHLRLVFDEYLKTTGKPIEASIR

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GELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKGLGTRDNTLIRIMVSRSELDMLDI
REIFRTKYEKSLSYMIKNDTSGEYKKTLLKLSGGDDDAAGQFFPEAAQVAYQMWE
SAVARVELKGTVRPANDFNPDADAKALRKAMKGLGTDEDTIIDITHRSNVQRQQIRQ
TFKSHFGRDLMTDLKSEISGDLARLILGLMMPPAHYDAKQLKKAMEGAGTDEKALIEI
LATRTNAEIRAINAYKEDYHKSLEDALSSDTSGHFRRILISLATGHREEGGENLDQA
REDAQVAAEILEIADTPSGDKTSLETRFMTILCTRSYPHLRRVFQEFIKMTNYDVEHTI
KKEMSGDVRDAFVAIVQSVKNKPLFFADKLYKSMKGAGTDEKTLTRIMVSRSEIDLL
NIRREFIEKYDKSLHQAIEGDTSGDFLKALLALCGGED

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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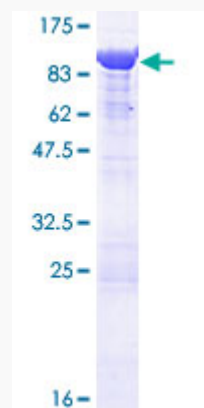
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Protein Refseq NP_001146

MIM 114070

UniProt ID P08133



12.5% SDS-PAGE Stained with Coomassie Blue.

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