

Recombinant Human ANXA6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANXA6-3113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANXA6 MS Standard C13 and N15-labeled recombinant protein (NP_004024) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	75.1 kDa
AA Sequence	MAKPAQGAKYRGSIHDFPGFDPNQDAEALYTAMKGFSGDKEAILDIITSRSNRQRQE VCQSYKSLYGKDLIADLKYELTGKFERLIVGLMRPPAYCDAKEIKDAISGIGTDEKCLI EILASRTNEQMHQLVAAAYKDAYERDLEADIIGDTSGHFQKMLVVLLQGTREEDDVVS EDLVQQDVQDLYEAGELKWGTDEAQFIYILGNRSKQHLRLVFDEYLKTTGKPIEASIR

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GELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKGLGTRDNTLIRIMVSRSELDMLDI
 REIFRTKYEKSLYSMIKNDTSGEYKKTLLKLSGGDDDAAGQFFPEAAQVAYQMWEL
 SAVARVELKGTVRPANDFNPDADAKALRKAMKGLGTDEDTIIDITHRSNVQRQQIRQ
 TFKSHFGRDLMTDLKSEISGDLARLILGLMMPPAHYDAKQLKKAMEGAGTDEKALIEI
 LATRTNAEIRAINAYKEDYHKSLEDALSSDTSGHFRRILISLATGHREEGGENLDQA
 REDAQEIADTPSGDKTSLETRFMTILCTRSYPHLRRVFQEFIKMTNYDVEHTIKKEMS
 GDVRDAFVAIVQSVKNKPLFFADKLYKSMKGAGTDEKTLTRIMVSRSEIDLLNIRREFI
 EKYDKSLHQAIEGDTSGDFLKALLALCGGEDTRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ANXA6 annexin A6 [Homo sapiens (human)]

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;

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Gene ID 309

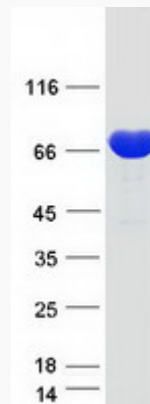
mRNA Refseq NM_004033

Protein Refseq NP_004024

MIM 114070

UniProt ID P08133

SDS-PAGE



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