

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 VCQSYKSLYGKDLIADLKYEELTGKFERLIVGLMRPPAYCDAKEIKDAISGIGTDEKCLI EILASRTNEQMHQLVAAAYKDAYERDLEADIIGDTS GHFQKMLVVLLQGTREEDDVVS EDLVQQQDVQDLYEAGELKWGTDEAQFIYILGNRSKQHLRLVFDEYLKTTGKPIEASIR

 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

GELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKGLGTRDNTLIRIMVSRSELDMLDI
REIFRTKYEKSLSYMIKNDTSGEYKKTLLKLSGGDDDAAGQFFPEAAQVAYQMWEL
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;

 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

Gene ID	309
mRNA Refseq	NM_004033
Protein Refseq	NP_004024
MIM	114070
UniProt ID	P08133
SDS-PAGE	