Recombinant Human ANXA2 protein

Cat. No. ANXA2-1846H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANXA2(Ser2-Asp339) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser2-Asp339
Form	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, pH 7.5
AA Sequence	MSTVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTIVNI LTNRSN AQRQDIAFAYQRRTKKELASALKSALSGHLETVILGLLKTPAQYDASELKA SMKGLGTDEDSLIE IICSRTNQELQEINRVYKEMYKTDLEKDIISDTSGDFRKLMVAL AKGRRAEDGSVIDYELIDQDA RDLYDAGVKRKGTDVPKWISIMTERSVPHLQKVFD RYKSYSPYDMLESIRKEVKGDLENAFLNLV QCIQNKPLYFADRLYDSMKGKGTRDK VLIRIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKG DYQKALLYLCGGDD
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.Aliquots of reconstituted samples are stable at < -20

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

	centigrade for 3 months.

GENE INFORMATION

Gene Name	ANXA2 annexin A2 [Homo sapiens]
Official Symbol	ANXA2
Synonyms	ANXA2; annexin A2; ANX2, ANX2L4, CAL1H, LPC2D; annexin II; LIP2; annexin-2; protein I; lipocortin II; chromobindin 8; chromobindin-8; calpactin I heavy chain; calpactin-1 heavy chain; calpactin I heavy polypeptide; placental anticoagulant protein IV; P36; ANX2; LPC2; CAL1H; LPC2D; ANX2L4; PAP-IV;
Gene ID	302
mRNA Refseq	NM_001002857
Protein Refseq	NP_001002857
MIM	151740
UniProt ID	P07355
Chromosome Location	15q22.2
Pathway	Prostaglandin Synthesis and Regulation, organism-specific biosystem;
Function	Rab GTPase binding; calcium ion binding; calcium-dependent phospholipid binding; cytoskeletal protein binding; phosphatidylinositol-4,5-bisphosphate binding; phospholipase inhibitor activity; protein binding;

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