

Recombinant Human annexin A2 Protein, Tag Free, DyLight650 conjugated

Cat. No. ANXA2-4987HDL650 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DyLight650 conjugated Recombinant Human ANXA2 Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms.
Tag	Non
Conjugation/Label	DyLight650
Molecular Mass	42.5kDa
Purity	> 90 % by SDS-PAGE

 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

Labelling Efficiency	1.63 by UV
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.1 mg/mL by BCA
Storage Buffer	Sterile PBS, pH7.4
Conjugation	DyLight650
GENE INFORMATION	
Gene Name	ANXA2 annexin A2 [Homo sapiens (human)]
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

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