Recombinant Rat Anxa1 protein, His & S-tagged

Cat. No. Anxa1-1345R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Anxa1 aa. (Met1~Asn346 (Accession # P07150) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Asn346
Description	Plays a role in regulation of insulin secretion; may inhibit phopsholipase A2.
Form	Freeze-dried powder
Molecular Mass	44 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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

	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Anxa1 annexin A1 [Rattus norvegicus (Norway rat)]
Official Symbol	Anxa1
Synonyms	Anxa1; annexin A1; p35; Anx1; Annexin 1 (p35) (Lipocortin 1); annexin I; annexin-1; calpactin II; calpactin-2; chromobindin-9; lipocortin 1; lipocortin I; phospholipase A2 inhibitory protein
Gene ID	25380
mRNA Refseq	NM_012904.2
Protein Refseq	NP_037036.1
UniProt ID	P07150

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