

Product Data Sheet

K2064 Annexin V, human recombinant

Introduction

Recombinant Human Annexin V/ANXA5 protein is a Human Full-Length protein, in the 1 to 320 aa range, expressed in *Escherichia coli*, with >95% purity and suitable for SDS-PAGE, WB.

Alternative names

Annexin A5, Anchorin CII, Annexin V, Annexin-5, Calphobindin I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, Placental anticoagulant protein I, Thromboplastin inhibitor, Vascular anticoagulant-alpha, CBP-I, PP4, PAP-I, VAC-alpha, ANXA5, ANX5, ENX2, PP4

Key facts

Purity

>95% SDS-PAGE

Expression system

Escherichia coli

Tags

Tag free

Applications

SDS-PAGE, WB

Biologically active

No

Amino acids

1 to 320

Accession

[P08758-1](#)

Protein length

Full Length

Animal free

No

Nature

Recombinant

Species

Human

Concentration

1 mg/mL (The concentration of this product may be batch-dependent)

Storage buffer

pH: 8

Constituents: 10% Glycerol (glycerin, glycerine), 0.316% Tris HCl, 0.0154% (R*,R*)-1,4-Dimercaptobutan-2,3-diol

General info

Function

This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

Sequence similarities

Belongs to the annexin family.

Post-translational modifications

S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.

Storage

Shipped at conditions

Blue Ice

Appropriate short-term storage duration

1-2 weeks

Appropriate short-term storage conditions

+4°C

Appropriate long-term storage conditions

-20°C

Aliquoting information

Upon delivery aliquot

Storage information

Avoid freeze / thaw cycle

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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