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Datasheet for ABIN7318165 **Annexin VIII Protein**

Overview

Quantity:	50 µg
Target:	Annexin VIII (ANXA8)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Annexin A8/ANXA8 Protein
Sequence:	Met 1-Pro327
Characteristics:	Recombinant Human Annexin A8 is produced by our E.coli expression system and the target gene encoding Met1-Pro327 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Annexin VIII (ANXA8)
Alternative Name:	Annexin A8/ANXA8 (ANXA8 Products)
Background:	Background: Annexin A8 (ANXA8) belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Annexin A8 contains 4 annexin repeats separated by linking sequences of variable lengths. A pair of annexin repeats may form one binding site for calcium and phospholipid. ANXA8 is preferentially expressed in acute promyelocytic leukemia (APL)

Target Details

cells, which suggests its participation in hematopoietic cell differentiation. In addition, ANXA8 is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

Synonym: Annexin A8, Annexin VIII, Annexin-8, Vascular Anticoagulant-Beta, VAC-Beta, ANXA8, ANX8

Molecular Weight: 36.9 kDa

UniProt: [P13928](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.