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Datasheet for ABIN7318163 **ANXA6 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	ANXA6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANXA6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Annexin A6/ANXA6 Protein (His Tag)
Sequence:	Ala2-Asp673
Characteristics:	Recombinant Human Annexin A6 is produced by our E.coli expression system and the target gene encoding Ala2-Asp673 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ANXA6
Alternative Name:	Annexin A6/ANXA6 (ANXA6 Products)
Background:	Background: Annexin A6 (ANXA6) belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Annexin A6 is a secreted protein and locates on the cell surface. Annexin A6 contains 8 annexin repeats separated by linking sequences of variable lengths. A

Target Details

pair of annexin repeats may form one binding site for calcium and phospholipid. ANXA6 is involved in the regulation of the release of Ca²⁺ from intracellular stores and may be associated with CD21. In addition, ANXA6 has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.

Synonym: Annexin A6, 67 kDa Callectrin, Annexin VI, Annexin-6, Calphobindin-II, CPB-II, Chromobindin-20, Lipocortin VI, Protein III, p68, p70, ANXA6, ANX6

Molecular Weight:	76.9 kDa
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UniProt:	P08133
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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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.
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