

Datasheet for ABIN2714737

**Annexin A2 Protein (ANXA2) (Transcript Variant 2) (Myc-DYKDDDDK Tag)**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	20 µg
Target:	Annexin A2 (ANXA2)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin A2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Annexin A2 / ANXA2 (transcript variant 2) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	Annexin A2 (ANXA2)
Alternative Name:	Annexin a2,anxa2 ( <a href="#">ANXA2 Products</a> )
Background:	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

## Target Details

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.

Molecular Weight: 38.4 kDa

NCBI Accession: [NP\\_001002857](#)

Pathways: [S100 Proteins](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

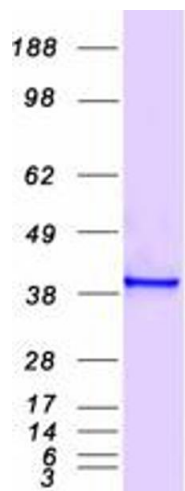
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Uhlén, Oksvold, Älgenäs, Hamsten, Fagerberg, Klevebring, Lundberg, Odeberg, Pontén, Kondo, Sivertsson: "Antibody-based protein profiling of the human chromosome 21." in: **Molecular & cellular proteomics : MCP**, Vol. 11, Issue 3, pp. M111.013458, (2012) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot