

## Product datasheet for PH301540

### Annexin A3 (ANXA3) (NM\_005139) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ANXA3 MS Standard C13 and N15-labeled recombinant protein (NP_005130)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201540
Predicted MW:	36.4 kDa
Protein Sequence:	>RC201540 protein sequence Red=Cloning site Green=Tags(s)  MASIWVGHRTVVRDYPDFSPSVDAEAIQKAIKRGIGTDEKMLISILTERSNAQRQLIVKEYQAAYGKELKD DLKGDLSGHFEHLMVALVTPPAVFDKQLKSMKGAGTNEDALIEILTTRTSRQMKDISQAYTYVYKKS LGGDISSETSGDFRKALLTLADGRRDESLKVDEHLAKQDAQILYKAGENRWGTDEDKFTTEILCLRSFPQLK LTFDEYRNISQKDIVDSIKGELSGHFEDLLLAIVNCRNTPAFLAERLHRALKGIGTDEFTLNRMVSR S  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005130</u>
RefSeq Size:	1634
RefSeq ORF:	969
Synonyms:	ANX3
Locus ID:	306



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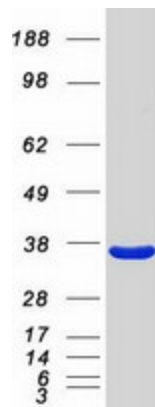
UniProt ID: [P12429](#)

Cytogenetics: 4q21.21

**Summary:** 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 in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation. [provided by RefSeq, Jul 2008]

**Protein Families:** Stem cell - Pluripotency

### Product images:



Coomassie blue staining of purified ANXA3 protein (Cat# [TP301540]). The protein was produced from HEK293T cells transfected with ANXA3 cDNA clone (Cat# [RC201540]) using MegaTran 2.0 (Cat# [TT210002]).