

## Product datasheet for PH300554

### ANXA9 (NM\_003568) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ANXA9 MS Standard C13 and N15-labeled recombinant protein (NP_003559)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200554
Predicted MW:	37.7 kDa
Protein Sequence:	>RC200554 protein sequence Red=Cloning site Green=Tags(s)  MAPSLTQEILSHLGLASKTAAWGLGTLRTFLNFSVDKDAQRLLRRAITGQGVDRSAIVDVLTNRSREQRQ LISRNFQERTQQDLMKSLQAALSGNLERIVMALLQPTAQFDAQELRTALKASDSAVDVAIEILATRTPPQ LQECLAVYKHNQVEAVDDITSETSGILQDLLLAKGGRDSYSGIIDYNLAEQDVQALQRAEGPSREET WVPVFTQRNPEHLIRVFDQYQRSTGQELLEEAVQNRFHGDAQVALLGLASVIKNTPLYFADKLHQALQETE PNYQVLIRILISRCETDLLSIRAEFRKKFGKSLYSSLQDAVKGDCQSALLALCRAEDM  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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><a href="#">NP_003559</a></u>
RefSeq Size:	1843
RefSeq ORF:	1014
Synonyms:	ANX31
Locus ID:	8416



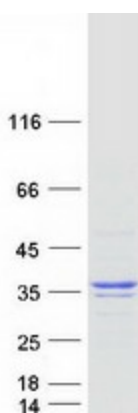
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UniProt ID: [O76027](#)

Cytogenetics: 1q21.3

**Summary:** The annexins are a family of calcium-dependent phospholipid-binding proteins. Members of the annexin family contain 4 internal repeat domains, each of which includes a type II calcium-binding site. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anionic phospholipids and extracellular matrix proteins. This gene encodes a divergent member of the annexin protein family in which all four homologous type II calcium-binding sites in the conserved tetrad core contain amino acid substitutions that ablate their function. However, structural analysis suggests that the conserved putative ion channel formed by the tetrad core is intact. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ANXA9 protein (Cat# [TP300554]). The protein was produced from HEK293T cells transfected with ANXA9 cDNA clone (Cat# [RC200554]) using MegaTran 2.0 (Cat# [TT210002]).