

## Product datasheet for PH302071

### Noxa (PMAIP1) (NM\_021127) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PMAIP1 MS Standard C13 and N15-labeled recombinant protein (NP_066950)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202071
Predicted MW:	5.8 kDa
Protein Sequence:	>RC202071 representing NM_021127 Red=Cloning site Green=Tags(s)  MPGKKARKNAQPSAPAELEVECATQLRRFGDKLNFRQKLLNLI SKLFCSGT  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	50 ug/ml as determined by BCA
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:	100 mM glycine, 25 mM Tris-HCl, pH 7.3. Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_066950</a>
RefSeq Size:	1885
RefSeq ORF:	162
Synonyms:	APR; NOXA
Locus ID:	5366
UniProt ID:	<a href="#">Q13794</a> , <a href="#">A0A0S2Z490</a>
Cytogenetics:	18q21.32



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**Summary:**

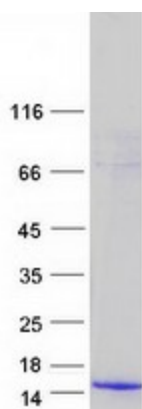
This gene belongs to a pro-apoptotic subfamily within the BCL-2 protein family, referred to as the BCL-2 homology domain 3 (BH3)-only subfamily, which determine whether a cell commits to apoptosis. In response to death-inducing stimuli, BH3-only members inhibit the anti-apoptotic BCL-2 family members, which under steady-state conditions keep the multi-BH domain proteins BAX and BAK, in an inactive state. [provided by RefSeq, Aug 2020]

**Protein Families:**

Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:**

p53 signaling pathway

**Product images:**

Coomassie blue staining of purified PMAIP1 protein (Cat# [TP302071]). The protein was produced from HEK293T cells transfected with PMAIP1 cDNA clone (Cat# [RC202071]) using MegaTran 2.0 (Cat# [TT210002]).