

## Product datasheet for **TP302071L**

### Noxa (PMAIP1) (NM\_021127) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phorbol-12-myristate-13-acetate-induced protein 1 (PMAIP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202071 representing NM_021127 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPGKKARKNAQPSPARAPAELEVECATQLRRFGDKLNFRQKLLNLISKLFCSGT  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	5.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_066950</a>
Locus ID:	5366
UniProt ID:	<a href="#">Q13794</a> , <a href="#">A0A0S2Z490</a>
RefSeq Size:	1885
Cytogenetics:	18q21.32



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RefSeq ORF: 162

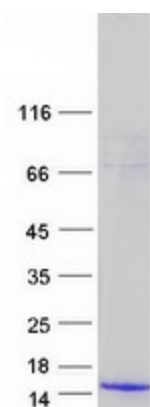
Synonyms: APR; NOXA

**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]).