

Recombinant Human modulator of apoptosis 1, His-tagged

Cat. No. MOAP1-321H Lot. No. (See product label)

SPECIFICATION

Product Overview	MOAP1, 1-351aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-351 a.a.
Description	<p>Modulator of apoptosis 1, also known as MOAP1, belongs to the PNMA family and contains one BH3-like domain and one RASSF1-binding domain. It is required for death receptor-dependent apoptosis. MOAP1 homodimerizes and associates with the proapoptotic Bax and the prosurvival Bcl-2 and Bcl-X(L) of the Bcl-2 family in vitro and in vivo in mammalian cells. These data suggest that MOAP1 mediates apoptosis through a mechanism that involves binding to Bax. Recombinant human MOAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	41.9 kDa (374aa)
AA Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMTLRLLD DWCRGMDMNP RKALLIAGIS QSCSVAEIEE ALQAGLAPLG EYRLLGRMFR RDENRKVALV GLTAETSHAL VPKEIPGKGG IWRVIFKPPD PDNTFLSRLN EFLAGEGMTV GELSRALGHE NGSLDPEQGM IPEMWAPMLA QALEALQPAL QCLKYKKLRV FSGRESPEPG EEEFGRWMFH TTQMIKAWQV PDVEKRRRLD ESLRGPALDV IRVLKINNPL</p>

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

ITVDECLQAL EEVFGVTDNP RELQVKYLTT YQKDEEKLSA YVLRLEPLLQ
 KLVQRGAIER DAVNQARLDQ VIAGAVHKTI RRELNLPEDG PAPGFLQLLV
 LIKDYEAAEE EEALLQAILE GNFT

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [MOAP1 modulator of apoptosis 1 \[Homo sapiens \]](#)

Official Symbol MOAP1

Synonyms MOAP1; modulator of apoptosis 1; MAP 1; paraneoplastic Ma antigen family member 4; PNMA4; MAP1; paraneoplastic antigen Ma4; paraneoplastic antigen like 4; MAP-1;

Gene ID [64112](#)

mRNA Refseq [NM_022151](#)

Protein Refseq [NP_071434](#)

MIM [609485](#)

UniProt ID [Q96BY2](#)

Chromosome Location 14q32.12

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Function

protein binding; protein homodimerization activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA