

## Product datasheet for TP305659

### Proapoptotic Caspase Adaptor Protein (MZB1) (NM\_016459) Human Recombinant Protein

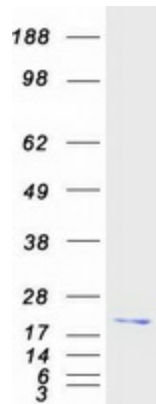
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hypothetical protein MGC29506 (MGC29506), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205659 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MRLSLPLLLLLLGAWAIPGGLGDRAPLTATAPQLDDEEMYSAHMPAHLRCDACRAVAYQMWQNLAKAETK LHTSNSGGRRELSLVYTDVLD RSCSRNWQDYGVREVDQVKRLTG PGLSEGPEPSISVMVTGGPWPTRLS RTCLHYLGEFGEDQIYEAHQGRGALEALLCGGPQGACSEKVSATREEL  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	20.5 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_057543</a>
Locus ID:	51237
UniProt ID:	<a href="#">Q8WU39</a>
RefSeq Size:	845


[View online »](#)

Cytogenetics:	5q31.2
RefSeq ORF:	567
Synonyms:	MEDA-7; PACAP; pERp1
Summary:	Associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. May exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity (By similarity). Isoform 2 may be involved in regulation of apoptosis. Helps to diversify peripheral B-cell functions by regulating Ca(2+) stores, antibody secretion and integrin activation.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified MZB1 protein (Cat# TP305659). The protein was produced from HEK293T cells transfected with MZB1 cDNA clone (Cat# [RC205659]) using MegaTran 2.0 (Cat# [TT210002]).