

BI-1 Blocking Peptide
Catalog # PBV10140b**Specification**

BI-1 Blocking Peptide - Product Information

Primary Accession	P55061
Gene ID	7009
Calculated MW	26538

BI-1 Blocking Peptide - Additional Information**Gene ID** 7009

Application & Usage

The peptide is used for blocking the antibody activity of active BI-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Bax inhibitor 1, BI-1, Testis-enhanced gene transcript protein, Transmembrane BAX inhibitor motif-containing protein 6, TMBIM6, BI1, TEGT

Target/Specificity

BI-1

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

BI-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

BI-1 Blocking Peptide - Protein Information**Name** TMBIM6**Synonyms** BI1, TEGT**Function**

Suppressor of apoptosis (PubMed:<a href="http://www.uniprot.org/citations/21075086"

target="_blank">21075086). Modulates unfolded protein response signaling (PubMed:21075086). Modulates ER calcium homeostasis by acting as a calcium-leak channel (PubMed:22128171). Negatively regulates autophagy and autophagosome formation, especially during periods of nutrient deprivation, and reduces cell survival during starvation (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Highly abundant in testis.

BI-1 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BI-1 Blocking Peptide - Images