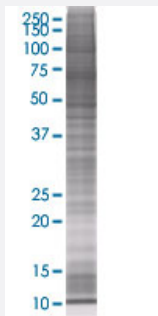


GZMB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003002-T01

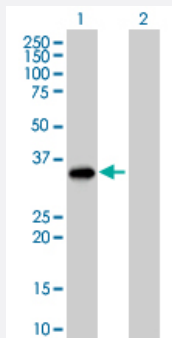
Size 100 uL

Applications



SDS-PAGE Gel

GZMB transfected lysate



Western Blot

Lane 1: GZMB transfected lysate (27.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GZMB full-length

Host Human

Theoretical MW (kDa) 27.28

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GZMB antibody ([H00003002-B01](#)) by Western Blots.

SDS-PAGE Gel

GZMB transfected lysate

Western Blot

Lane 1: GZMB transfected lysate (27.28 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GZMB

Entrez GeneID	3002
GeneBank Accession#	BC030195
Protein Accession#	AAH30195
Gene Name	GZMB
Gene Alias	CCPI, CGL-1, CGL1, CSP-B, CSPB, CTLA1, CTSL1, HLP, SECT
Gene Description	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)
Omim ID	123910
Gene Ontology	Hyperlink
Gene Summary	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response. [provided by RefSeq]
Other Designations	T-cell serine protease 1-3E cathepsin G-like 1 cytotoxic serine protease B fragmentin 2 granzyme B

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Graft-versus-host disease](#)

- [Natural killer cell mediated cytotoxicity](#)
- [Type I diabetes mellitus](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Leukemia](#)
- [Lymphohistiocytosis](#)
- [Melanoma](#)
- [Neovascularization](#)
- [Respiratory Syncytial Virus Infections](#)
- [Vitiligo](#)