

Datasheet for ABIN7320540

GZMB Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	GZMB
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GZMB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Granzyme B(G,H)/GZMB Protein (His Tag)
Sequence:	Gly19-Ser247
Characteristics:	Recombinant Mouse Granzyme B is produced by our Mammalian expression system and the target gene encoding Gly19-Ser247 is expressed with a 6His tag at the C-terminus.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	GZMB
Alternative Name:	Granzyme B/GZMB (GZMB Products)
Background:	Background: Granzyme B(GZMB) contains 1 peptidase S1 domain and belongs to the peptidase S1 family. This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp and seems to be linked to an activation cascade of caspases (aspartate-

Target Details

specific cysteine proteases) responsible for apoptosis execution. The protein cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

Synonym: Granzyme B(G,H),CTLA-1,Cytotoxic cell protease 1,CCP1,Fragmentin-2,Gzmb,Ctla-1,Ctla1

Molecular Weight: 26.5 kDa

UniProt: [P04187](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#)

Application Details

Restrictions: For Research Use only

Handling

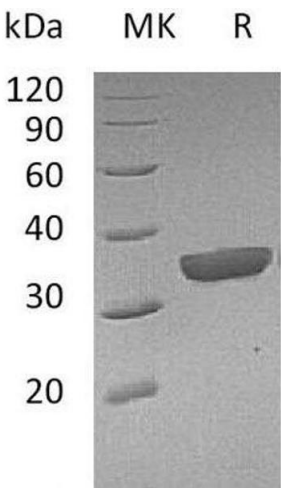
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.