

## 32-7620: Recombinant Mouse Granzyme B (G,H)/GZMB (C-6His)

**Gene :** Gzmb  
**Gene ID :** 14939  
**Uniprot ID :** P04187

### Description

Source: Human Cells.

MW :26.5kD.

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

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** GEIIGGHEVKPHSRPYMALLSIKDQQPEAICGGFLIREDFVLTAAHCEGSIINVTLGAHNIKEQEKTTQVIPMVKCI  
PHPDYNPKTFSNDIMLLKLKSKAKRTRAVRPLNLP RRNVNVKPGDVCYVAGWGRMAPMGKYSNTLQVELTV  
QKDRECESYFKNRYNKTNQICAGDPKTKRASFRGDSGGPLVCKKVAAGIVSYGYKDGSPPRAF TKVSSFLSWIK  
KTMKSSVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.