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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 : GEIIGGHEVKPHSRPYMALLSIKDQQPEAICGGFLIREDFVLTAAHCEGSIINVTLGAHNIKEQEKTQQVIPMVKCI PHPDYNPKTFSNDIMLLKLKSKAKRTRAVRPLNLPRRNVNVKPGDVCYVAGWGRMAPMGKYSNTLQEVELTV QKDRECESYFKNRYNKTNQICAGDPKTKRASFRGDSGGPLVCKKVAAGIVSYGYKDGSPPRAFTKVSSFLSWIK KTMKSSVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.