

## Recombinant Human GZMB Protein, GST/His-tagged

Cat. No. GZMB -158H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GZMB fused with N-terminal GST and C-terminal His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene encodes a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. This protein also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Expression of this gene may be elevated in human patients with cardiac fibrosis.</p>
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
<b>Molecular Mass</b>	51.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	GZMB granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) [ Homo sapiens ]
<b>Official Symbol</b>	GZMB
<b>Synonyms</b>	GZMB; granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1); CSPB, CTLA1; granzyme B; cathepsin G like 1; CCPI; CGL 1; CGL1; CSP B; CTSSL1; cytotoxic serine protease B; fragmentin 2; HLP; SECT; T cell serine protease 1 3E; C11; CTLA-1; fragmentin-2; cathepsin G-like 1; human lymphocyte protein; T-cell serine protease 1-3E; cytotoxic T-lymphocyte proteinase 2; CSPB; CGL-1; CSP-B; CTLA1;
<b>Gene ID</b>	3002
<b>mRNA Refseq</b>	NM_004131
<b>Protein Refseq</b>	NP_004122
<b>MIM</b>	123910
<b>UniProt ID</b>	P10144

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