

# Recombinant Full Length Human GZMM Protein, GST-tagged

Cat. No. GZMM-3394HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GZMM full-length ORF ( AAH25701.1, 1 a.a. - 257 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	257 amino acids
<b>Description</b>	Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products: granzyme A, granzyme B, granzyme H, and Met-ase, also known as granzyme M. [provided by RefSeq]
<b>Molecular Mass</b>	54.01 kDa
<b>AA Sequence</b>	MEACVSSLLVLALGALSVGSSFGTQIIGGREVIPHSRPYMASLQRNGSHLCGGVLVH PKWVLTAAHCLAQRMAQLRLVLGLHTLDSPGLTFHIKAAIQHPRYKVPALENDLALL QLDGKVKPSRTIRPLALPSKRQVVAAGTRCSMAGWGLTHQGGRLSRVLRDLQVL DTRMCNNSRFWNGSLSPSMVCLAADSKDQAPCKGDSGGPLVCGKGRVLAGVLSF SSRVCTDIFKPPVATAVAPYVSWIRKVTGRSA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GZMM granzyme M (lymphocyte met-ase 1) [ Homo sapiens ]
<b>Official Symbol</b>	GZMM
<b>Synonyms</b>	GZMM; granzyme M (lymphocyte met-ase 1); granzyme M; LMET1; lymphocyte met ase 1; MET1; met-ase; HU-Met-1; lymphocyte met-ase 1; Met-1 serine protease; natural killer cell granular protease;
<b>Gene ID</b>	3004
<b>mRNA Refseq</b>	NM_005317
<b>Protein Refseq</b>	NP_005308
<b>MIM</b>	600311
<b>UniProt ID</b>	P51124

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