

Recombinant Full Length Human GZMM Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GZMM full-length ORF (AAH25701.1, 1 a.a. - 257 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	257 amino acids
Description	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]
Molecular Mass	54.01 kDa
AA Sequence	MEACVSSLLVLALGALSVGSSFGTQIIGGREVIPHSRPYMASLQRNGSHLCGGVLVH PKWVLTAAHCLAQRMAQLRLVLGLHTLDSPGLTFHIKAAIQHPRYKPVPALENDLALL QLDGKVKPSRTIRPLALPSKRQVVAAGTRCSMAGWGLTHQGGRLSRVLRDLQVL DTRMCNNSRFWNGSLSPSMVCLAADSKDQAPCKGDSGGPLVCGKGRVLAGVLSF SSRVCTDIFKPPVATAVAPYVSWIRKVTGRSA
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GZMM granzyme M (lymphocyte met-ase 1) [Homo sapiens]
Official Symbol	GZMM
Synonyms	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;
Gene ID	3004
mRNA Refseq	NM_005317
Protein Refseq	NP_005308
MIM	600311
UniProt ID	P51124

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