

Recombinant Mouse Gzmd Protein (Ile21-Leu252), C-His tagged

Cat. No. Gzmd-5420M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Gzmd (Ile21-Leu252) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ile21-Leu252
Description	Predicted to enable serine-type endopeptidase activity. Predicted to be involved in several processes, including granzyme-mediated programmed cell death signaling pathway; natural killer cell mediated cytotoxicity; and pyroptosis. Predicted to act upstream of or within cytolysis. Predicted to be located in cytolytic granule. Predicted to be active in cytoplasm and intracellular membrane-bounded organelle. Is expressed in extraembryonic component and placenta. Orthologous to human GZMB (granzyme B).
Form	Lyophilized powder/frozen liquid
Molecular Mass	25.52 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

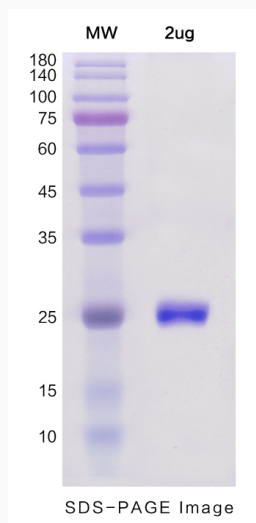
Gene Name	Gzmd granzyme D [Mus musculus (house mouse)]
Official Symbol	Gzmd
Synonyms	Gzmd; granzyme D; CCP5; Ctla5; Ctla-5
Gene ID	14941
mRNA Refseq	NM_010372
Protein Refseq	NP_034502
UniProt ID	P11033

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SDS-PAGE



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