

Human Granzyme B protein, His tag (active)

Cat. No. GTX17622-pro

Applications	Functional Assay
Species	Human

Package

5 µg

PRODUCT

Summary

GZMB produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 235 amino acids (19-247a.a.) and having a molecular mass of 26.5kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). GZMB is expressed with an 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Applications

Application Note

Specific activity is > 7,000 pmol/min/ug, and is defined as the amount of enzyme that cleave 1pmole of Boc-Ala-Ala-Asp-SBzl at 37°C.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol, 1mM DTT
Preservative	No preservatives
Storage	Store as concentrated solution. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, we recommend adding a carrier protein (0.1% HSA or BSA), then aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	C-terminal His-Tag; GEIIGGHEAK PHSRPY MAYL MIWDQKSLKR CGGFLIRDDF VLTAACHCWGS SINVTLG AHN IKEQEPTQQF IPVKRPIPHP AYNPKNF SND IMLLQLERKA KRTRAVQPLR LPSNKAQVKP GQTCSVAGWG QTAPLGK HSH TLQEVKMTVQ EDRKCESDLR HYYDSTIELC VGDPEIKKTS FKGDSGGPLV CNKVAQGIVS YGRNNGMPPR ACTKVSSFVH WIKKTMKRYH HHHHH
Expression System	Baculovirus (Sf9 cells)
Purity	≥95% by SDS-PAGE.
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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