

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 VLTAHCWGS SINVTLG AHN IKEQEPTQQF
IPVKRPIPHP AYNPKNFSND IMLQLERKA KRTRAVQPLR LPSNKAQVKP GQTCSVAGWG QTAPLGK HSH TLQEVKMTVQ
EDRKCESDLR HYYDSTIELC VGDPEIKKTS FKGDSSGGPLV 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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