

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 VLTA AHCWGS SINVT LGAHN IKEQEPTQQF IPVKRPI PHP AYNPKNFSND IMLLQ LERKA KRTRAVQPLR LPSNKAQVKP GQTC SVAGWG 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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