

Mouse GZMB Recombinant Protein



RPPB1784

Product Information Protein Information

Product SKU:

RPPB1784

Accession:

P04187

Host:

Sf9, Baculovirus cells.

Protein description:

GZMB Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 235 amino acids (19-247 aa) and having a molecular mass of 26.3kDa. GZMB is fused to a 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Granzyme B, C11, CTLA-1, Cathepsin G-like 1, CTSG1, Cytotoxic T-lymphocyte proteinase 2, Lymphocyte protease, Fragmentin-2, Granzyme-2, Human lymphocyte protein, HLP, SECT, T-cell serine protease 1-3E, CGL1, CSPB, CTLA1, GRB, GZMB, CCPI, CGL-1, CSP-B.

Formulation:

The GZMB solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

GEIIGGHEVK PHSRPMALL SIKDQQPEAI CGGFLIREDF VLTAAHCEGS IINVTLGAHNIKEQEKQV
IPMVKCIPHP DYNPKTFSND IMLLKLKSKA KRTRAVRPLN LPRRNVNKPGDVCYVAGWG RMAPMGKYSN
TLQVELTVQ KDRECESYFK NRYNKTNQIC AGDPKTKRASFRGDSGGPLV CCKVAAGIVS YGYKDGSPPR
AFTKVSSFLS WIKKTMKSSH HHHHH

Biological Activity:

Defined as the amount of enzyme that cleave 1pmole of Boc-Ala-Ala-Asp-SBzl at 37°C. Specific activity is > 9,000 pmol/min/ug.