

**Recombinant Mouse Granzyme B(G,H)/GZMB Protein(C-6His)**

**Cat.NO.: TP05755**

3th Edition

**Synonyms:**Granzyme B(G;H);CTLA-1;Cytotoxic cell protease 1;CCP1;Fragmentin-2;Gzmb;Ctla-1; Ctla1

**Description:**Granzyme B(GZMB) contains 1 peptidase S1 domain and belongs to the peptidase S1 family. This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp and seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. The protein cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

**Form:**PBS

**Molecular Weight:**26.5 kDa

**Sequences:**Gly19-Ser247

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.