YBA431Hu01 50μg

Recombinant Granzyme M (GZMM)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ile26~Ala257

Tags: N-terminal His-Tag

Tissue Specificity: Plasm.

Subcellular Location: Secreted. Cytoplasmic granule.

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 10.3

Predicted Molecular Mass: 25.6kDa

Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37ºC for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

IIGGR EVIPHSRPYM ASLQRNGSHL
CGGVLVHPKW VLTAAHCLAQ RMAQLRLVLG LHTLDSPGLT FHIKAAIQHP
RYKPVPALEN DLALLQLDGK VKPSRTIRPL ALPSKRQVVA AGTRCSMAGW
GLTHQGGRLS RVLRELDLQV LDTRMCNNSR FWNGSLSPSM VCLAADSKDQ
APCKGDSGGP LVCGKGRVLA RVLSFSSRVC TDIFKPPVAT AVAPYVSWIR
KVTGRSA

[IDENTIFICATION]

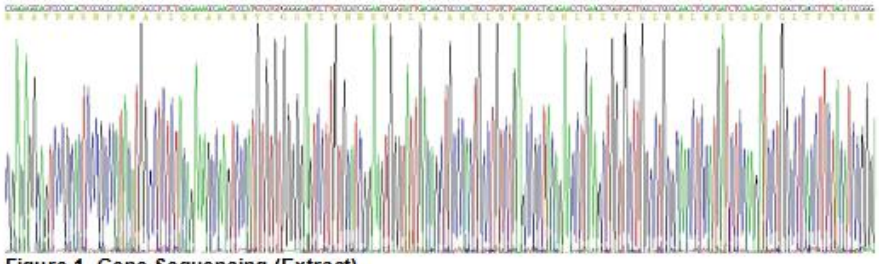

Figure 1. Gene Sequencing (Extract)

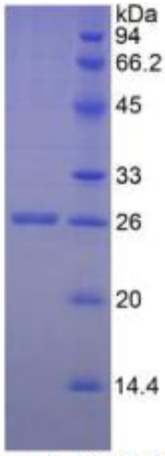

Figure 2. SDS-PAGE

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