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Datasheet for ABIN5855086

GZMB Protein (AA 19-247) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	GZMB
Protein Characteristics:	AA 19-247
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GZMB protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MSLMKNERAI IMSMWEKMAA QAEPiGTETL ERLFCsYPQT
KTYFPHFDLH HGSQQLRAHG FKIMTAVGDA VKSIDNLSSA LTKLSELHAY ILRVDPVNFK
LLSHCLLVTM AARFPADFTP EVHEAWDKFM SILSSILTEK YR

Purity: > 90 % by SDS - PAGE

Target Details

Target: GZMB

Alternative Name: GZMB ([GZMB Products](#))

Background: Hba-x, also known as Hemoglobin subunit zeta (Hbz), is belongs to the globin family. Zeta-globin is alpha-like hemoglobin. The Hba-x polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. Hba-x gene

Target Details

includes five functional genes and two pseudogenes. The order of genes is: 5' -zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'. Recombinant mouse Hba-x fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 18.3 kDa (162aa) confirmed by MALDI-TOF

NCBI Accession: [NP_034535](#)

UniProt: [P06467](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Bioactivity Validated

Restrictions: For Research Use only

Handling

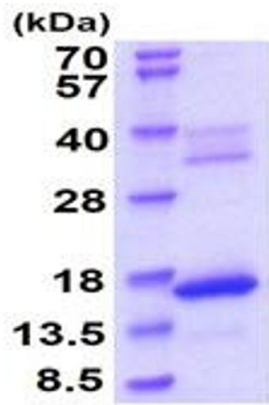
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In 20 mM MES(pH 6.0) containing 0.1M NaCl, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

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



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.