

Datasheet for ABIN6387823

GZMH Protein (AA 19-246) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	GZMH
Protein Characteristics:	AA 19-246
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GZMH protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EEIIGGHEAK PHSRPYMAFV QFLQEKSRRK CGGILVRKDF VLTAHCQGS SINVTLAGHN IKEQERTQQF IPVKRPIPHP AYNPKNFSND IMLQLERKA KWTTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLLTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGGPLVC KDVAQGILSY GNKKGTTPPGV YIKVSHFLPW IKRTMKRLHH HHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	GZMH
Alternative Name:	GZMH (GZMH Products)
Background:	GZMH, as known as granzyme H isoform 1, is a member of the granzyme family of serine

Target Details

proteases found specifically in the granules of cytotoxic Tlymphocytes (CTL) and natural killer (NK) cells. The more abundant expression of this protein than granzyme B in NK cells suggests that granzyme H may complement the pro-apoptotic function of granzyme B in this cell type. Recombinant human GZMH, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 26.2kDa (234aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_219491](#)

UniProt: [P20718](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

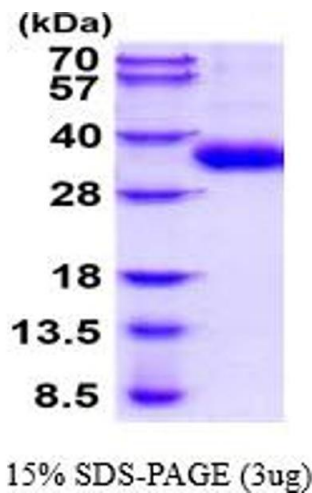
Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 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.

Images



SDS-PAGE

Image 1.