OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR51860PU-N

Granzyme H (GZMH) (20-246, His-tag) Human Protein

Product data:

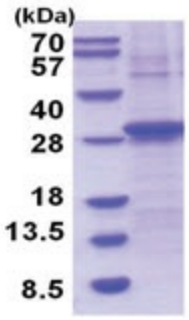
Product Type:	Recombinant Proteins
Description:	Granzyme H (GZMH) (20-246, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MEIIGGHEAK PHSRPYMAFV QFLQEKSRKR CGGILVRKDF VLTAAHCQGS SINVTLGAHN IKEQERTQQF IPVKRPIPHP AYNPKNFSND IMLLQLERKA KWTTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLLTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGGPLVC KDVAQGILSY GNKKGTPPGV YIKVSHFLPW IKRTMKRL
Tag:	His-tag
Predicted MW:	27.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris 8.0 containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GZMH, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001257709
Locus ID:	2999
Cytogenetics:	14q12
Synonyms:	CCP-X; CGL-2; CSP-C; CTLA1; CTSGL2

View online »

Summary: This gene encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a chymotrypsin-like protease. This protein is reported to be constitutively expressed in the NK (natural killer) cells of the immune system and may play a role in the cytotoxic arm of the innate immune response by inducing target cell death and by directly cleaving substrates in pathogen-infected cells. This gene is present in a gene cluster with another member of the granzyme subfamily on chromosome 14. [provided by RefSeq, Nov 2015]

Protein Families: Druggable Genome, Protease

Product images:



15% SDS-PAGE (3ug)