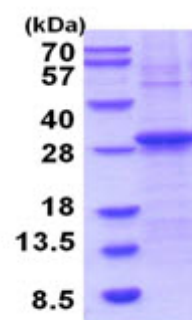


AR51860PU-N

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

Alternate names:	CCP-X, CGL2, CSP-C, CTSG2, Cathepsin G-like 2, Cytotoxic T-lymphocyte proteinase, Cytotoxic serine protease C
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	GZMH also known as Granzyme H is essential for HBV eradication. The HBx protein (HBx), required for the replication of HBV, is cleaved at Met(79) by GZMH. GZMH inhibitor can abolish GZMH- and lymphokine-activated killer cell-mediated HBx degradation and HBV clearance. An HBx-deficient HBV is resistant to GZMH- and lymphokine-activated killer cell-mediated viral clearance.
Uniprot ID:	P20718
NCBI:	NP_219491
GeneID:	2999
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris 8.0 containing 10% glycerol.
Description:	Recombinant human GZMH, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SGLVPRGSH MEIIGGHEAK PHSRPFMAFV QFLQEKSRKR CGGILVRKDF VLTAHCQGS SINVTLAGHN IKEQERTQQF IPVKRPIPH AYNPKNFSND IMLLQLERKA KWTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLLTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGGPLVC KDVAQGILSY GNKKGTPPGV YIKVSHFLPW IKRTMKRL Molecular weight: 27.5 kDa (248aa)
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. Shelf life: one year from despatch.
General Readings:	Ewen CL., et al. (2013) Mol. Immunol. 54 (3-4), 309-318 Wang L., et al. (2012) J. Immunol. 190 (3), 1319-1330

Pictures:



15% SDS-PAGE (3ug)