

**GZMH, 20-246aa, Human, His tag, E.coli**

**Cat.NO.: TP02383**

3th Edition

**Synonyms:**Granzyme H isoform 1, CCP-X, CGL-2, CSP-C, CTLA1, CTSL2

**Description:**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. Recombinant human GZMH, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris 8.0 containing 10% glycerol

**Molecular Weight:**27.5kDa (248aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMEIIGGHEAKPHSRPYMAFVQFLQEKSRRKRCGGILVRKDFVLTAHHCQGSSINVT  
LGAHNIKEQERTQQFIPVKRPIPHPAYNPKNFSNDIMLLQLERKAKWTTAVRPLRLPSSKAQVKPGQLCSVAGWGY  
VSMSTLATTLLQEVLLTVQKDCQCERLFHGNYSRATEICVGDPKKTQTGFKGDSGGPLVCKDVAQGILSYGNKKGTP  
PGVYIKVSHFLPWIKRTMKRL

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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