

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:

MGSSHHHHHSSGLVPRGSHMEIIGGHEAKPHSRPYMAFVQFLQEKSRLKRCGGILVRKDFVLTAHCCQGSSINVT
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.