Recombinant Human Granzyme M (GZMM)

Product Code	CSB-EP010085HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51124
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	IIGGR EVIPHSRPYM ASLQRNGSHL CGGVLVHPKW VLTAAHCLAQ RMAQLRLVLG LHTLDSPGLT FHIKAAIQHP RYKPVPALEN DLALLQLDGK VKPSRTIRPL ALPSKRQVVA AGTRCSMAGW GLTHQGGRLS RVLRELDLQV LDTRMCNNSR FWNGSLSPSM VCLAADSKDQ APCKGDSGGP LVCGKGRVLA RVLSFSSRVC TDIFKPPVAT AVAPYVSWIR KVTGRSA
Source	E.coli
Target Names	GZMM
Protein Names	Recommended name: Granzyme M EC= 3.4.21.- Alternative name(s): Met-1 serine protease Short name= Hu-Met-1 Met-ase Natural killer cell granular protease
Expression Region	26-257
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products: granzyme A, granzyme B, granzyme H, and Met-ase, also known as granzyme M.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.