



Recombinant Human Beta-defensin 129 (DEFB129)

Product Code	CSB-EP863952HU-B
Abbreviation	DEFB129
Storage	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.
Uniprot No.	Q9H1M3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	E FIGLRRCLMG LGRCRDHCNV DEKEIQKCKM KKCCVGPKEV KLIKNYLQYG TPNVLNEDVQ EMLKPAKNSS AVIQRKHLS VLPQIKSTSF FANTNFVIIP NATPMNSATI STMTPGQITY TATSTKSNTK ESRDSATASP PPAPPPPNIL PTPSLELEEA EEQ
Source	E.coli
Target Names	DEFB129
Protein Names	Recommended name: Beta-defensin 129 Alternative name(s): Beta-defensin 29 Short name= DEFB-29 Defensin, beta 129
Expression Region	20-183
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	Defensins are cysteine-rich cationic polypeptides that are important in the immunologic response to invading microorganisms. This protein is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 20p13.
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.