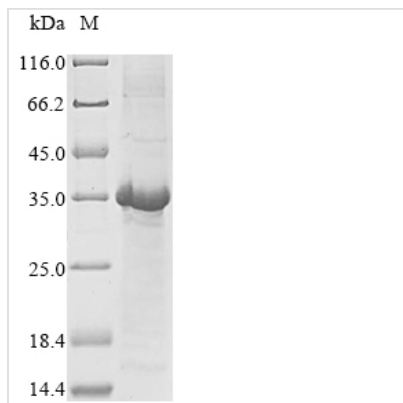




Recombinant Human Neutrophil defensin 1 (DEFA1)

Product Code	CSB-EP006652HU
Relevance	Defensin 1 and defensin 2 have antibacterial, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.
Abbreviation	Recombinant Human DEFA1 protein
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.	P59665
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MRTLAILLAILLVALQAQAEPLQARADEVAAAPEQIAADIPEVVVSLAWDESLAP KHPGSRKNMACYCRIPACIAGERRYGTTCIYQGRLWAFCC
Source	E.coli
Target Names	DEFA1
Protein Names	Recommended name: Neutrophil defensin 1 Alternative name(s): Defensin, alpha 1 HNP-1 Short name= HP-1 Short name= HP1 Cleaved into the following 2 chains: 1. HP 1-56 2. Neutrophil defensin 2 Alternative name(s): HNP-2 Short n
Expression Region	1-94aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	37.2kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.