

Neutrophil defensin 1 (DEFA1) Recombinant Protein | DEFA1 recombinant protein

Recombinant Human Neutrophil defensin 1 (DEFA1)

CATALOG # AAA114075	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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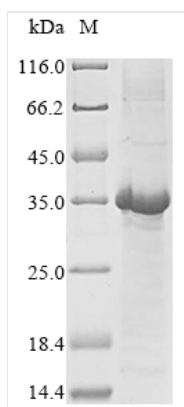
PRODUCT SYNONYMS

Neutrophil defensin 1 (DEFA1); Recombinant Human Neutrophil defensin 1 (DEFA1); Neutrophil defensin 1; Defensin; alpha 1; HNP-1; HP-1; HP1Cleaved into the following 2 chains:: 1. HP 1-56; 2. Neutrophil defensin 2; HNP-2; HP-2; HP2; DEFA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-94aa; Full Length
Sequence	MRTLAILAAI LLVALQAQAE PLQARADEVA AAPEQIAADI PEVVVSLAWD ESLAPKHPGS RKNMACYCRI PACIAGERRY GTCIYQGRLW AFCC
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DEFA1 recombinant protein	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.
Product Categories/Family for DEFA1 recombinant protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248516
NCBI GeneID	728358
NCBI Accession #	NP_001035965.1
NCBI GenBank Nucleotide #	NM_001042500.1
UniProt Accession #	P59665 ; P11479 ; Q14125 ; Q6EZF6
Molecular Weight	37.2 kDa
NCBI Official Full Name	neutrophil defensin 1
NCBI Official Synonym Full Names	defensin, alpha 1B
NCBI Official Symbol	DEFA1B
NCBI Official Synonym Symbols	HP1; HP-1; HNP-1
NCBI Protein Information	neutrophil defensin 1
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2
UniProt Entry Name	DEF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/defa1-recombinant-protein-e-coli/114075>