

Neutrophil defensin 3 (DEFA3) Recombinant Protein | DEFA3 recombinant protein

Recombinant Human Neutrophil defensin 3 (DEFA3)

CATALOG # AAA113538	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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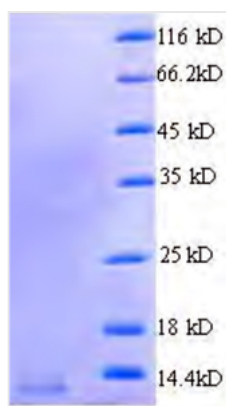
PRODUCT SYNONYMS

Neutrophil defensin 3 (DEFA3); Recombinant Human Neutrophil defensin 3 (DEFA3); DEFA3 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	39-94. Full length of mature protein
Sequence	DIPEVVVSLA WDESLAPKHP GSRKNMDCYC RIPACIAGER RYGTCTIYQGR LWAFFCC
Sequence Length	94
Species	Human
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 DEFA3 recombinant protein

Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes appear to be clustered on chromosome 8. This protein, defensin, alpha 3, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 1 by only one amino acid.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885179
NCBI GeneID	1668
NCBI Accession #	NP_005208.1
NCBI GenBank Nucleotide #	NM_005217.3
UniProt Accession #	P59666; P11479; Q14125
Molecular Weight	22.4 kDa
NCBI Official Full Name	neutrophil defensin 3 preproprotein
NCBI Official Synonym Full Names	defensin alpha 3
NCBI Official Symbol	DEFA3
NCBI Official Synonym Symbols	HP3; DEF3; HNP3; HP-3; HNP-3
NCBI Protein Information	neutrophil defensin 3
UniProt Protein Name	Neutrophil defensin 3
UniProt Gene Name	DEFA3
UniProt Synonym Gene Names	DEF3; HP-3; HP3; HP-2; HP2

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.

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Online datasheet: <https://www.aaabiotech.com/defa3-recombinant-protein-e-coli/113538>