

Beta-defensin 1 Recombinant Protein | DEFB1 recombinant protein

Recombinant Human Beta-defensin 1

CATALOG # AAA116190	HOST E Coli
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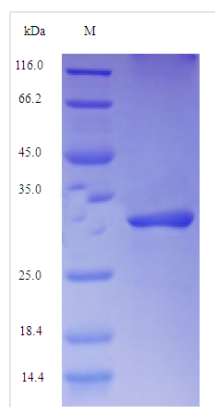
PRODUCT SYNONYMS

Beta-defensin 1; Recombinant Human Beta-defensin 1; Defensin; beta 1; DEFB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	33-68
Sequence	DHYNCSVSSGG QCLYSACPIF TKIQGTCYRG KAKCCK
Sequence Length	68
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DEFB1 recombinant protein	Has bactericidal activity.
Product Categories/Family for DEFB1 recombinant protein	Immunology

References	The human beta-defensin-1 and alpha-defensins are encoded by adjacent genes two peptide families with differing disulfide topology share a common ancestry.Liu L., Zhao C., Heng H.H.Q., Ganz T.Genomics 43:316-320(1997) Zhao C. Human airway epithelia express a beta-defensin.McCray P.B. Jr., Bentley L.Am. J. Respir. Cell Mol. Biol. 16:343-349(1997) hBD-1 a novel beta-defensin from human plasma.Bensch K.W., Raida M., Maegert H.-J., Schulz-Knappe P., Forssmann W.-G.FEBS Lett. 368:331-335(1995) Chemical synthesis of beta-defensins and LEAP-1/hepcidin.Kluever E., Schulz A., Forssmann W.-G., Adermann K.J. Pept. Res. 59:241-248(2002) The structure of human beta-defensin-1 new insights into structural properties of beta-defensins.Hoover D.M., Chertov O., Lubkowski J.J. Biol. Chem. 276:39021-39026(2001) Structure determination of human and murine beta-defensins reveals structural conservation in the absence of significant sequence similarity.Bauer F., Schweimer K., Kluever E., Conejo-Garcia J.-R., Forssmann W.-G., Roesch P., Adermann K., Sticht H.Protein Sci. 10:2470-2479(2001)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885181
NCBI GeneID	1672
NCBI Accession #	NP_005209.1
NCBI GenBank Nucleotide #	NM_005218.3
UniProt Accession #	P60022; Q09753
Molecular Weight	8kD
NCBI Official Full Name	beta-defensin 1 preproprotein
NCBI Official Synonym Full Names	defensin beta 1
NCBI Official Symbol	DEFB1
NCBI Official Synonym Symbols	BD1; HBD1; DEFB-1; DEFB101
NCBI Protein Information	beta-defensin 1
UniProt Protein Name	Beta-defensin 1
UniProt Gene Name	DEFB1
UniProt Synonym Gene Names	BD1; HBD1; BD-1; hBD-1
UniProt Entry Name	DEFB1_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.