

Defensin Beta 1 (DEFb1) Active Protein | DEFb1 active protein

Active Defensin Beta 1 (DEFb1)

CATALOG # AAA153082	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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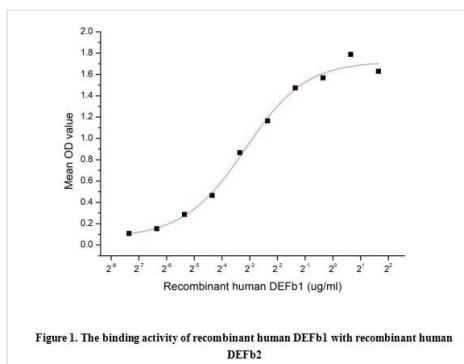
PRODUCT SYNONYMS

Defensin Beta 1 (DEFb1); Active Defensin Beta 1 (DEFb1); Defensin Beta 1; DEFb1 active protein (prokaryotic); Human; B-DF1; DEFB1; BD1; DEF-B1; DEFB101; HBD1; DEFb1 active protein

PRODUCT SPECIFICATIONS

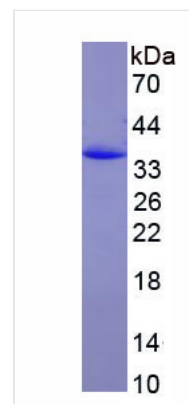
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gly22~Lys68
Applicable Applications for DEFb1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.6
Research Area	Infection immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Beta Defensin-1 (DEFB1) displays potent microcidal properties, and also plays a part in other aspects of innate and adaptive immunity. DEFB1 genetic variations have been reported as contributing to hBD1 production impairment, leading to a greater suscepti



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for DEFb1 active protein	Active proteins
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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	7,420 Da
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; BD-1; beta defensin 1; 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.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/defensin-beta-1-defb1/153082>