

DEFB4A/DEFB4B Recombinant Protein | DEFB4A recombinant protein

Recombinant Human DEFB4A/DEFB4B Protein

CATALOG # AAA263198	HOST E Coli	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

DEFB4A/DEFB4B; Recombinant Human DEFB4A/DEFB4B Protein; DEFB102; DEFB2; DEFB4; Beta-defensin 4A; Beta-defensin 2; BD-2; hBD-2; Defensin; beta 2; Skin-antimicrobial peptide 1; SAP1; DEFB4A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of 20mM PB, 130mM NaCl, pH 7.4
Sequence	GIGDPVTLCK SGAICHPVFC PRRYKQIGTC GLPGTKCKK P
Sequence Length	64
Applicable Applications for DEFB4A recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Quality Control	Endotoxin: Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for DEFB4A recombinant protein	Recombinant Human DEFB4A/DEFB4B Protein is produced by our E Coli expression system and the target gene encoding Gly24-Pro64 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	327532771
NCBI GeneID	100289462
NCBI Accession #	NP_001192195.1
NCBI GenBank Nucleotide #	NM_001205266.1
UniProt Accession #	O15263; Q52LC0
NCBI Official Full Name	beta-defensin 4B
NCBI Official Synonym Full Names	defensin beta 4B
NCBI Official Symbol	DEFB4B

NCBI Official Synonym Symbols	DEFB4P
NCBI Protein Information	beta-defensin 4B
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4; BD-2; hBD-2; SAP1
UniProt Entry Name	DFB4A_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/defb4a-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263198>