

Defensin Alpha 5, Paneth Cell Specific (DEFa5) Recombinant Protein | DEFa5 recombinant protein

Recombinant Defensin Alpha 5, Paneth Cell Specific (DEFa5)

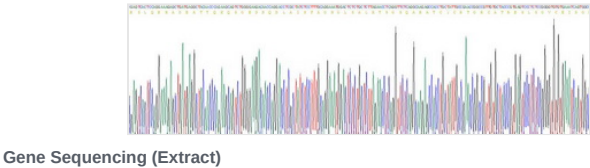
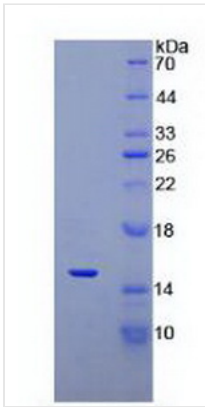
CATALOG # AAA20221	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Defensin Alpha 5; Paneth Cell Specific (DEFa5); Recombinant Defensin Alpha 5; DEFa5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	200ug/mL (varies by lot)
Applicable Applications for DEFa5 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Glu20~Arg94
Tags	N-terminal His Tag
Subcellular Location	Secreted, Exosome
Predicted isoelectric point	5.9
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

E SLQERADEAT TQKQSGEDNQ DLAISFAGNG
LSALRTSGSQ ARATCYCRTG RCATRESLSG VCEISGRLYR LCCR

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	10337585
NCBI GeneID	1670
NCBI Accession #	NP_066290.1
NCBI GenBank Nucleotide #	NM_021010.1
Molecular Weight	Predicted Molecular Mass: 14.8kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	defensin-5 preproprotein
NCBI Official Synonym Full Names	defensin, alpha 5, Paneth cell-specific
NCBI Official Symbol	DEFA5
NCBI Official Synonym Symbols	DEF5; HD-5
NCBI Protein Information	defensin-5; HD5(20-94); defensin 5; defensin, alpha 5, preproprotein
UniProt Protein Name	Defensin-5
UniProt Gene Name	DEFA5
UniProt Synonym Gene Names	DEF5
UniProt Entry Name	DEF5_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/defa5-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20221>