

Defensin Alpha 4 Recombinant Protein | DEFa4 recombinant protein

Recombinant Defensin Alpha 4, Corticostatin (DEFa4)

CATALOG # AAA144269	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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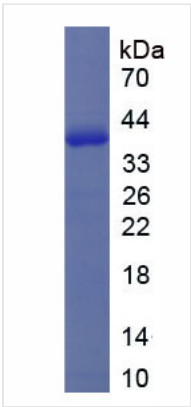
PRODUCT SYNONYMS

Defensin Alpha 4; Recombinant Defensin Alpha 4; Corticostatin (DEFa4); DEFa4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	100mMNaHC03, 500mMNaCl, pH8.3, containing 1 mM EOTA, 1mM OTT, 0.01 % SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	QARGDEAPGQ EQRGPEDQDI SISFAWDKSS ALQVSGSTRG MVCSCRLVFC RRTelRVGNC LIGGVSTFTYC CTRVD
Sequence Length	97
Applicable Applications for DEFa4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gln23-Asp97
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Predicted Molecular Mass	38.2kDa
Accurate Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 100mM NaHC03, 500mM NaCl (pH8.3) 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 of the targetprotein. 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 andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	50057841
NCBI GeneID	1669
NCBI Official Full Name	defensin, alpha 4, corticostatin
NCBI Official Synonym Full Names	defensin, alpha 4, corticostatin
NCBI Official Symbol	DEFA4
NCBI Official Synonym Symbols	HP4; DEF4; HP-4; HNP-4
NCBI Protein Information	neutrophil defensin 4
UniProt Protein Name	Neutrophil defensin 4
UniProt Gene Name	DEFA4
UniProt Synonym Gene Names	DEF4; HP-4
UniProt Entry Name	DEF4_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/defa4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144269>