

Peptide deformylase Recombinant Protein | def recombinant protein

Recombinant Staphylococcus aureus Peptide deformylase (def)

CATALOG # AAA114908	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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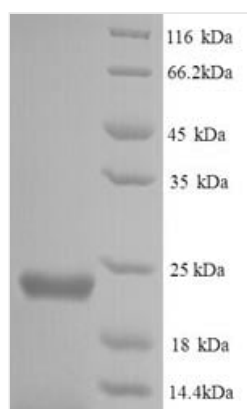
PRODUCT SYNONYMS

Peptide deformylase; Recombinant Staphylococcus aureus Peptide deformylase (def); Polypeptide deformylase; def recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-183aa; Full Length Protein
Sequence	MLTMKDIIRD GHPTLRQKAA ELELPLTKEE KETLIAMREF LVNSQDEEIA KRYGLRSGVG LAAPQINISK RMI AVLIPDD GSGKSYDYML VNP KIVSHSV QEAYLPTGEG CLSVDDNVAG LVHRHNRITI KAKDIEGNDI QLRLKGYP AI VFQHEIDHLN GVMFYDHIDK NHPLQPHTDA VEV
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 def recombinant protein	Removes the formyl group from the N-terminal Met of newly synthesized proteins. Requires at least a dipeptide for an efficient rate of reaction. N-terminal L-methionine is a prerequisite for activity but the enzyme has broad specificity at other positions.
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References	Staphylococcus aureus deformylase 1 encoding DNA.Lonetto M.A., Sylvester D.R., Warren R.L. Identification of Staphylococcus aureus proteins recognized by the antibody-mediated immune response to a biofilm infection.Brady R.A., Leid J.G., Camper A.K., Costerton J.W., Shirtliff M.E.Infect. Immun. 74:3415-3426(2006) Structure analysis of peptide deformylases from Streptococcus pneumoniae, Staphylococcus aureus, Thermotoga maritima and Pseudomonas aeruginosa snapshots of the oxygen sensitivity of peptide deformylase.Kreusch A., Spraggon G., Lee C.C., Klock H., McMullan D., Ng K., Shin T., Vincent J., Warner I., Ericson C., Lesley S.A.J. Mol. Biol. 330:309-321(2003)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	446879781
NCBI Accession #	WP_000957037.1
NCBI GenBank Nucleotide #	WP_000957037.1
UniProt Accession #	P68826; Q9F4L4
Molecular Weight	22.6 kDa
NCBI Official Full Name	peptide deformylase
UniProt Protein Name	Peptide deformylase
UniProt Gene Name	def
UniProt Synonym Gene Names	def1; pdf1; PDF
UniProt Entry Name	DEF_STAAU

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://www.aaabiotech.com/def-recombinant-protein-e-coli/114908>