

Putative L-asparaginase Recombinant Protein | PF0142 recombinant protein

Recombinant Pyrococcus furiosus (strain 43587 / DSM 3638 / JCM 8422 / Vc1) Putative L-asparaginase

CATALOG # AAA117144	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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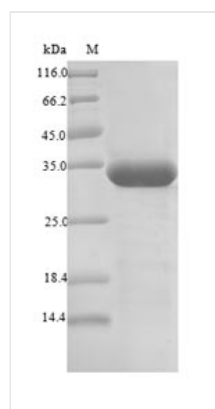
PRODUCT SYNONYMS

Putative L-asparaginase; Recombinant Pyrococcus furiosus (strain 43587 / DSM 3638 / JCM 8422 / Vc1) Putative L-asparaginase; L-asparagine amidohydrolase; Cleaved into the following 2 chains: Putative L-asparaginase subunit alpha; Putative L-asparaginase subunit beta; PF0142 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	1-175aa; Partial
Sequence	MVAIIHVGGA GTIRKEERIP KIEGVREAV LTGWRELKKG SALDAVEEAV KVLEDNPLFN AGTGSVLTLTD GKVEMDAAIM RGKTL DAGAV AGIWGVKNPI SVARKVMEKT DHVLLIGEGA VKFARLMGFP EYDPTTEERR KQWEELRKKL LETGEIRHWK KLELIKEYP EVLRS
Sequence Length	306
Species	Pyrococcus furiosus (strain # 43587 / DSM 3638 / JCM 8422 / Vc1)
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 PF0142 recombinant protein	L-asparagine + H ₂ O = L-aspartate + NH ₃ .
References	"Divergence of the hyperthermophilic archaea Pyrococcus furiosus and P. horikoshii inferred from complete genomic sequences." Maeder D.L., Weiss R.B., Dunn D.M., Cherry J.L., Gonzalez J.M., DiRuggiero J., Robb F.T. Genetics 152:1299-1305(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	499320763
NCBI GeneID	1467974
NCBI Accession #	WP_011011255.1
NCBI GenBank Nucleotide #	WP_011011255.1
UniProt Accession #	Q8U4E6
Molecular Weight	35.5 kDa
NCBI Official Full Name	asparaginase
NCBI Official Symbol	PF_RS00725
NCBI Protein Information	asparaginase
UniProt Protein Name	Putative L-asparaginase
UniProt Gene Name	PF0142
UniProt Entry Name	ASGX_PYRFU

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/pf0142-recombinant-protein-e-coli/117144>