

L-Asparaginase Active Protein | iaaA active protein

L-Asparaginase

CATALOG #
AAA10818

HOST
E Coli

PRODUCT SYNONYMS

L-Asparaginase; iaaA active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 96% as determined by SDS-PAGE.
Form/Format	The enzyme was lyophilized with no additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence Length	321
Unit Defenition	One unit of enzyme catalyzes hadrylization of 10 nanomoles of dUTP to dUMP in one hour at 85 Centigrade.
Specific Activity	225 IU/mg.
Solubility	It is recommended to reconstitute the lyophilized L-Asparaginase in 18MOMega-cm H2O at 1mg/ml.
Activity	One IU of L- Asparaginase is defined as that amount of enzyme required to generate 1 umol of ammonia per minute at pH 7.3 and 37 degree C.
Preparation and Storage	Lyophilized L-Asparaginase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution L-Asparaginase should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for iaaA active protein	Description: L-Asparaginase was purified from E Coli ASI.357
Product Categories/Family for iaaA active protein	Enzymes ; Natural Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128796
NCBI GeneID	945456
NCBI Accession #	NP_415349.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P37595 ; P75795
NCBI Official Full Name	Isoaspartyl peptidase
NCBI Official Symbol	iaaA
NCBI Official Synonym Symbols	ECK0818; JW0812; spt; ybiK

NCBI Protein Information	Isoaspartyl peptidase
UniProt Protein Name	Isoaspartyl peptidase
UniProt Gene Name	iaaA
UniProt Synonym Gene Names	spt; ybiK
UniProt Entry Name	IAAA_ECOLI

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/e-coli-active-protein/l-asparaginase/10818>