# Recombinant *E. coli* L-asparaginase 1 protein

**Product name**
Recombinant *E. coli* L-asparaginase 1 protein

**Protein length**
Full length protein

**Nature**
Recombinant

**Source**
*Escherichia coli*

**Accession**
P0A962

**Species**
*Escherichia coli*

**Sequence**
MGSSHHHHHH SSGLVPRGSH MQKKSIVVAY TGGTIGMQRS EQGYIPVSGL LQRQLALMPE FHRPEMPDFT IHEYTPLMDS SDMTPEDWQH IAEDIKAHYD DYDGFLILHG TDTMAYTASA LSFMLNGLKG PVNTGSQP LAELRSQGQI NLLNALYVAA NYPINEVTLF FNNRLYRGNI TTKHADGFD AFASPNLPLL LEAGHIIHRRL NTTPAPHGEG ELIVHPIIPG PIGVVTYPG ISADVVRNFL RQPVKLILR SYGVPNAPQN KAFLQELQEA SDRGIIVVNL TQCMSGKVNM GYATGNAL HAVVGGADM TVEATLKLH YLLSQELDTE TIRKAMQNL RGELTPDD

**Molecular weight**
39 kDa including tags

**Amino acids**
1 to 338

**Tags**
His tag N-Terminus

## Specifications

Our [Abpromise guarantee](#) covers the use of ab125166 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**
SDS-PAGE

**Purity**
> 95% SDS-PAGE.
ab125166 is purified by proprietary chromatographic techniques.

**Form**
- Liquid

**Additional notes**
- ab125166 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

## Preparation and Storage

**Stability and Storage**
- Shipped at 4°C. Store at -20°C. Store under desiccating conditions.
  - pH: 8.00
  - Constituents: 0.03% DTT, 0.32% Tris HCl, 10% Glycerol

## General Info

**Sequence similarities**
- Belongs to the asparaginase 1 family.

**Cellular localization**
- Cytoplasm.

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 Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [https://www.abcam.com/abpromise](https://www.abcam.com/abpromise) or contact our technical team.

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