

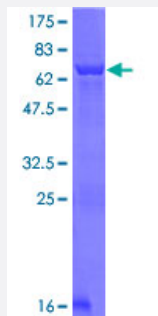
Full-Length

ASNA1 (Human) Recombinant Protein (P01)

Catalog # H00000439-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ASNA1 full-length ORF (AAH02651.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAGVAGWGVEAEFEEDAPDVEPLEPTLSNIEQRSLKWIFVGGKGGVGKTTCCSLAVQLSKG
RESVLIISTDPAHNISDAFDQKFSKVPTKVKGYNLFAMEIDPSLGVAELPDEFFFEEDNMLSMGKK
MMQEAMSAFPGIDEAMSYAEVMRLVKGMNFSVVVFDTAPTGHTRLNLFPTVERGLGRMLMQIKN
QISPFISQMCNMLGLGDMNADQLASKLEETLPVIRSVSEQFKDPEQTTFCVCAEFLSLYETERLIQ
ELAKCKIDTHNIIVNQLVFPDPEKPCMKCEARHKIQAKYLDQMEDLYEDFHMVKLPLLPHEVRGADK
VNTFSALLLEPYKPPSAQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.2

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ASNA1

Entrez GeneID[439](#)**GeneBank Accession#**[BC002651.2](#)**Protein Accession#**[AAH02651.1](#)**Gene Name**

ASNA1

Gene Alias

ARSA-I, ARSA1, MGC3821

Gene Description

arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)

Omim ID[601913](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

ASNA1 is the human homolog of the bacterial arsA gene. In E. coli, ArsA ATPase is the catalytic component of a multisubunit oxyanion pump that is responsible for resistance to arsenicals and antimonials.[supplied by OMIM]

Other Designations

arsA arsenite transporter, ATP-binding, homolog 1