

Recombinant Human ASNA1 protein, GST-tagged

Cat. No. ASNA1-3764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASNA1 protein(1-348 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-348 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MAAGVAGWGVAAEEFEDAPDVEPLEPTLSNIIQRSLKWIFVGGKGGVGKTTSCSCS LAVQLSKGRESVLIISTDPAHNISDAFDQKFSKVPTKVKGYDNLFAAMEIDPSLGVAEL PDEFFEDNMLSMGKKMMQEAMSAFPGIDEAMSYAEVMRLVKGMNFSVVVFDTAP TGHTLRLNFP TIVERGLGRMLQIKNQISPFISQMCNMLGLGDMNADQLASKLEETLP VIRSVSEQFKDPEQTTFCVCAEFLSLYETERLIQELACKIDTHNIIVNQLVFPDPEKP CKMCEARHKIQAKYLDQMEDLYEDFHIVKLPLLPHEVRGADKVNTFSALLLEPYKPP SAQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

ASNA1 arsA arsenite transporter, ATP-binding, homolog 1 (bacterial) [Homo sapiens]

Official Symbol

ASNA1

Synonyms

ASNA1; arsA arsenite transporter, ATP-binding, homolog 1 (bacterial); arsA (bacterial) arsenite transporter, ATP binding, homolog 1; ATPase ASNA1; ARSA I; GET3; golgi to ER traffic 3 homolog (S. cerevisiae); transmembrane domain recognition complex; 40kDa; TRC40; arsenite-stimulated ATPase; arsenical pump-driving ATPase; golgi to ER traffic 3 homolog; transmembrane domain recognition complex, 40kDa; transmembrane domain recognition complex 40 kDa ATPase subunit; ARSA1; ARSA-I; ASNA-I; hASNA-I; MGC3821;

Gene ID

439

mRNA Refseq

NM_004317

Protein Refseq

NP_004308

MIM

601913

UniProt ID

O43681

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