

Recombinant Human ASNA1 protein, His-SUMO-tagged

Cat. No. ASNA1-2559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASNA1 protein(O43681)(2-348aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-348aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.7 kDa
AA Sequence	AAGVAGWGVEAEFEEDAPDVEPLEPTLSNIIQRSLKWIFVGGKGGVGKTTCCSCSLA VQLSKGRESVLIISTDPAHNISDAFDQKFSKVPTKVKGYNLFA MEIDPSLGVAELPD EFFEEDNMLSMGKKMMQEAMSAFPGIDEAMSYAEVMRLVKGMNFSVVVFD TAPTG HTLRLLNFPTIVERGLGRMLQIKNQISPFISQMCNMLGLGDMNADQLASKLEETLPVI RSVSEQFKDPEQTTFICVCIAEFLSLYETERLIQELAKCKIDTHNIIVNQLVFPDPEKPC KMCEARHKIQAKYLDQMEDLYEDFHIVKLPLLPHEVRGADKVNTFSALLLEPYKPPS AQ
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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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