

Recombinant Human ASL protein, His&GST-tagged

Cat. No. ASL-0251H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASL protein(P04424)(Met1-Ala464), fused with His and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-464 a.a.
Form	Lyophilized from sterile 20mM Tris,500mM NaCl,3mM DTT, pH 8.0,10% glycerol.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human ASL/GST chimera consists of 701 amino acids and has a calculated molecular mass of 79.5 kDa. The recombinant protein migrates approximately 68 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Ala464
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ASL argininosuccinate lyase [Homo sapiens]
Official Symbol	ASL
Synonyms	ASL; argininosuccinate lyase; arginosuccinase; argininosuccinase; ASAL;
Gene ID	435
mRNA Refseq	NM_000048
Protein Refseq	NP_000039
MIM	608310
UniProt ID	P04424

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