

Recombinant Human ASL protein, His&GST-tagged

Cat. No. ASL-576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ASL protein(P04424) (Met1-Ala464) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-464 aa
Form	Lyophilized from sterile 20mM Tris,500mM NaCl,3mM DTT, pH 8.0,10% glycerol.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

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GENE INFORMATION

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

SDS-PAGE



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