

Recombinant Escherichia coli ALAA Protein (1-405 aa), His-SUMO-tagged

Cat. No. ALAA-950E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) ALAA Protein (1-405 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-405 aa
Description	Involved in the biosynthesis of alanine.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	61.5 kDa
AA Sequence	MSPIEKSSKLENCYDIRGPVLKEAKRLEEEGNKVLKLNIGNPAPFGFDAPDEILVDVI RNLPTAQGYCDSKGLYSARKAIMQHYQARGMRDVTVEDIYIGNGVSELIVQAMQALL NSGDEMLVPAPDYPLWTA AVSLSSGKAVHYLCDESSDWFPDLDDIRAKITPRTRGIV IINPNNPTGAVYSKELLMEIVEIARQHNLIFADEIYDKILYDDAEHHSIAPLAPDLLTITF NGLSKTYRVAGFRQGWMVLNGPKKHAKGYIEGLEMLASMRLCANVPAQHAIQTAL GGYQSISEFITPGGRLYEQNRNRAWELINDIPGVSCVKPRGALYMF PKIDAKRFNIHDD QKMVLDFLLQEKVLLVQGTAFNWPWPDHFRIVTLPRVDDIELSLSKFARFLSGYHQL

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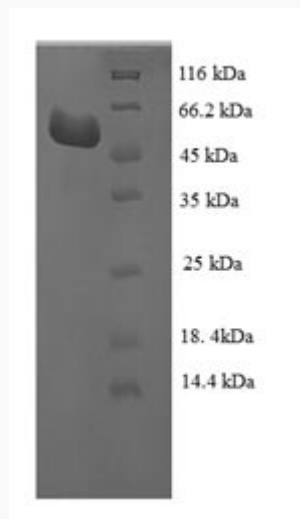
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P0A959](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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