

Recombinant Escherichia coli Glutamate-pyruvate aminotransferase AlaC(alaC)

Catalog No: #AP70947

Package Size: #AP70947-1 20ug #AP70947-2 100ug #AP70947-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Escherichia coli Glutamate-pyruvate aminotransferase AlaC(alaC)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-412aaSequence Info:Full Length
Accession No.	P77434
Calculated MW	62.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MADTRPERRFTRIDRLPPYVFNITAEKMAARRRGEDIIDFSMGNPDGATPPHIVEKLCTVAQRPDTHGYSTSR GIPRLRRAISRWYQDRYDVEIDPESEAIVTIGSKEGLAHLMLATLDHGDTLVPNPSYPIHIYGAVIAGAQVRSV PLVEGVDFFNELERAIRESYPKPKMMILGFPSNPTAQCVLEFFFEKVVALAKRYDVLVHDLAYADIVYDGWKA PSIMQVPGARDVAVEFFTLKSYNMAGWRIGFMVGNKTLVSALARIKSYHDYGTFTPLQVAAIAALEGDQQCV RDIAEQYKRRRDVLVKGLHEAGWMVEMPKASMYVWAKIPEPYAAMGSLEFAKLLNEAKVCVSPGIGFGDYG DTHVRFALIENRDRIRQAIRGIKAMFRADGLLPASSKHIHENAE
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in the biosynthesis of alanine.

References

Isolation of a mutant auxotrophic for L-alanine and identification of three major aminotransferases that synthesize L-alanine in Escherichia coli.Yoneyama H., Hori H., Lim S.J., Murata T., Ando T., Isogai E., Katsumata R.Biosci. Biotechnol. Biochem. 75:930-938(2011) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.