

Recombinant Escherichia coli O157:H7 Peptide deformylase(def)

Catalog No: #AP70623

Package Size: #AP70623-1 20ug #AP70623-2 100ug #AP70623-3 1mg

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Description

Product Name	Recombinant Escherichia coli O157:H7 Peptide deformylase(def)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-169aaSequence Info:Full Length
Other Names	Polypeptide deformylase
Accession No.	P0A6K5
Calculated MW	35.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SVLQVLHIPDERLRKVAKPVEEVNAEIQRIVDDMFETMYAEEGIGLAATQVDIHQRIIVDVSENDRERLVLINPEL LEKSGETGIEEGCLSIPEQRALVPRAEKVKIRALDRDGKPFLEADGLLAICIQHEMDHLVGKLFMDYLSPLKQQ RIRQKVEKLDRLKARA
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

Removes the formyl group from the N-terminal Met of newly synthesized proteins. Requires at least a dipeptide for an efficient rate of reaction. N-terminal L-methionine is a prerequisite for activity but the enzyme has broad specificity at other positions.

References

Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006) Research Topic:Others

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