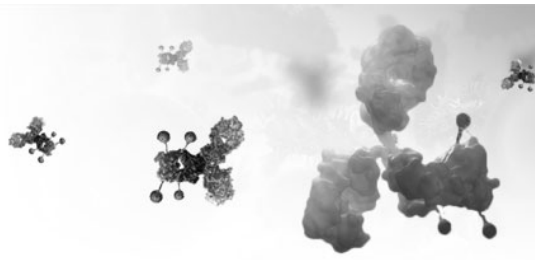

Recombinant E. coli ppa Protein (a.a. 1-176) [His] (DAG-P2110)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Nature	Recombinant
Expression System	E. coli
Species	E. coli
Purity	> 95 % SDS-PAGE
Conjugate	His
Molecular Weight	22 kDa
Cellular Localization	Cytoplasm.
Procedure	None
Format	Liquid
Concentration	1 mg/ml
Size	100 µg
Buffer	0.0154% DTT, 0.316% Tris HCl, 10% Glycerol, 0.029% Sodium chloride
Preservative	None
Storage	Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	E. coli is the head of the large bacterial family, Enterobacteriaceae, the enteric bacteria, which are faculatively anaerobic Gram negative rods that live in the intestinal tracts of animals in health and disease. Pili are macromolecular structures that allow binding to a digalactoside receptor in the urinary tract. Escherichia coli are Gram negative bacterium that are commonly found in the lower intestine of warm-blooded organisms (endotherms). Their serological types are determined in combination with somatic antigens (O group: O1-O173) and flagella antigens (H type: H1-H56). The E. coli that cause intestinal infectious diseases including diarrhea, acute gastritis or colitis are referred to as pathogenic E. coli, which are classified into the following 4 groups according to differences in the mode of pathogenicity; enteropathogenic E. coli (EPEC), enteroinvasive E. coli (EIEC), enterotoxigenic E. coli (ETEC) and enterohemorrhagic E. coli (EHEC). Although the identification of pathogenic E. coli requires verification of their pathogenicity, pathogenic E. coli often have specific serotypes; therefore, typing of the serogroup and serotype is necessary in screening pathogenic E. coli.
Keywords	ppa; PPase; E. coli

ANTIGEN GENE INFORMATION

Protein Refseq	MGSSHHHHHHSSGLVPRGSHMSLLNVPAGKDLPEDIYVVIEIPANADPIKYEIDKESGALFVDRFMSTAMFY LKAQIAHFFEHYKDLEKGKWVKVEGWENAEAAKAEIVASFERAKNK

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