

Recombinant Escherichia coli O157:H7 PURD Protein (1-429 aa), His-SUMO-tagged

Cat. No. PURD-1867E **Lot. No.** (See product label)

SPECIFICATION

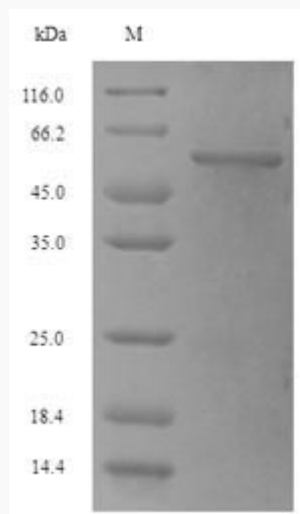
Product Overview	Recombinant Escherichia coli O157:H7 PURD Protein (1-429 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-429 aa
Description	ATP + 5-phospho-D-ribosylamine + glycine = ADP + phosphate + N(1)-(5-phospho-D-ribosyl)glycinamide.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	62.0 kDa
AA Sequence	MKVLVIGNGGREHALAWKAAQSPLVETVFVAPGNAGTALEPTLQNVAIGVTDIPALL DFAQNEKVDLTIVGPEAPLVKGVVDTFRAAGMKIFGPTAGAAQLEGSKAFTKDFLAR HNIPTAEYQNFTEVEPALAYLREKGAPIVIKADGLAAGKGVIVAMTLEEAEAAVHDMML AGNAFGDAGHRIVIEEFLDGEEASFIVMVDGEHVLPMATSQDHKRVGDKDTGPNTG GMGAYSPAPVVTDDVHQRTMERIIWPTVKGMASEGNTYTGFLYAGLMIDKQGNPKV IEFNCRFGDPETQPIMLRMKSDLVELCLAAACEGKLDEKTSEWDERASLGVVMAAGG YPGDYRTGDVIHGLPLEEVEDGKVFHAGTKLADDEQVVTSGGRVLCVTALGHTVAE

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	AQKRAYALMTDIHWDDCFCKDIGWRAIEREQN
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 reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	purD; GARS Glycinamide ribonucleotide synthetase Phosphoribosylglycinamide synthetase;
UniProt ID	Q8X612



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

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