

Product datasheet for **TP724628**

Escherichia coli Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant E.coli 6-Phospho-Beta-Glucosidase/BGLA (N-His)
Species:	Escherichia coli
Expression cDNA Clone or AA Sequence:	M1-L479
Tag:	N-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant E. coli BGLA is produced by E.coli. The target gene encoding M1-L479 is expressed with a 6His tag at the N terminus.
Stability:	12 months from date of despatch
Summary:	6-phospho-beta-glucosidase (BglA) is a member of the glycosyl hydrolase 1 family. BglA is constitutively expressed in E.coli. It can form a homotetramer and catalyzes the hydrolysis of phosphorylated beta-glucosides into glucose-6-phosphate (G-6-P) and aglycone. BglA has a high affinity for phosphorylated aromatic beta-glucosides (p-nitrophenyl-beta-glucoside, phenyl beta-glucoside, arbutin.) Whereas it has a low affinity for phosphorylated salicin and phosphorylated beta-methyl-glucoside.



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