Recombinant Escherichia coli HPH Protein (1-341 aa), His-tagged

Cat. No. HPH-2306E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli HPH Protein (1-341 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-341 aa
Description	The aminoglycoside phosphotransferases achieve inactivation of their antibiotic substrates by phosphorylation. Only phosphorylates hygromycin and closely related compounds such as demethyl analogs and destomycin.
Form	Tris-based buffer,50% glycerol
Molecular Mass	42.0 kDa
AA Sequence	MKKPELTATSVEKFLIEKFDSVSDLMQLSEGEESRAFSFDVGGRGYVLRVNSCADG FYKDRYVYRHFASAALPIPEVLDIGEFSESLTYCISRRAQGVTLQDLPETELPAVLQP VAEAMDAIAAADLSQTSGFGPFGPQGIGQYTTWRDFICAIADPHVYHWQTVMDDTV SASVAQALDELMLWAEDCPEVRHLVHADFGSNNVLTDNGRITAVIDWSEAMFGDSQ YEVANIFFWRPWLACMEQQTRYFERRHPELAGSPRLRAYMLRIGLDQLYQSLVDGN FDDAAWAQGRCDAIVRSGAGTVGRTQIARRSAAVWTDGCVEVLADSGNRRPSTRP

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	RAKE
Purity	> 85% 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	hph;
UniProt ID	P00557

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