# Recombinant E. coli Hygromycin-B 4-O-kinase Protein, His-SUMO-tagged

**Cat. No.** hph-1245E **Lot. No.** (See product label)

## SPECIFICATION

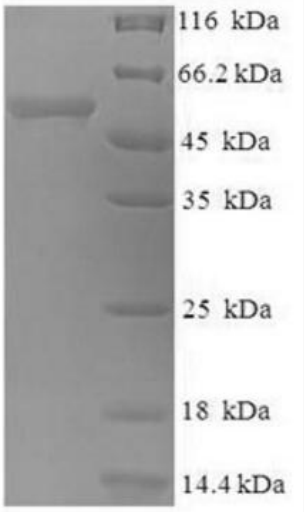
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| **Product Overview** | Recombinant E. coli (strain K12) Hygromycin-B 4-O-kinase (1-341aa) was expressed in E. coli with N-terminal His-SUMO-tag. |
| **Species** | E.coli |
| **Source** | E.coli |
| **ProteinLength** | 1-341 a.a. |
| **Form** | Tris-based buffer, 50% glycerol. |
| **Molecular Mass** | 54.0 kDa |
| **AA Sequence** | MKKPELTATSVEKFLIEKFDSVSDLMQLSEGEESRAFSFDVGGRGYVLRVNSCADG FYKDRYVYRHFASAALPIPEVLDIGEFSESLTYCISRRAQGVTLQDLPETELPAVLQP VAEAMDAIAAADLSQTSGFGPFGPQGIGQYTTWRDFICAIADPHVYHWQTVMDDTV SASVAQALDELMLWAEDCPEVRHLVHADFGSNNVLTDNGRITAVIDWSEAMFGDSQ YEVANIFFWRPWLACMEQQTRYFERRHPELAGSPRLRAYMLRIGLDQLYQSLVDGN FDDAAWAQGRCDAIVRSGAGTVGRTQIARRSAAVWTDGCVEVLADSGNRRPSTRP RAKE |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Storage** | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life |

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| | of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |

## GENE INFORMATION

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| **Gene Name** | Hygromycin-B 4-O-kinase |
| **Official Symbol** | Hygromycin-B 4-O-kinase |
| **Synonyms** | Hygromycin-B 4-O-kinase; hph; EC 2.7.1.163; APH(4); Hygromycin B phosphotransferase; Hygromycin-B kinase |
| **UniProt ID** | P00557 |




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