



# Recombinant Herpetosiphon aurantiacus Type-2 restriction enzyme HgiGI (hgiGIR)

<b>Product Code</b>	CSB-YP328526HGK
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P25261
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Herpetosiphon aurantiacus (Herpetosiphon giganteus)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AWGKNQFNNA FPIALACFMF SQQIKPIYIR LEKRNTEHNY IAVDQIFQIN PLDPQAFFAF EHSYHPYTEL IIGKTPAIDV VISNLQNSQI INAFEIKLTA IPDNTTAILS DHLQGCEIVI RPDTIVYLAL SIAKIFQQNS SVLLDILDPI CARISDWEDV TSIKPMIPVF CELLYTIFDR YQSAQIPILL QPIWKTQGKL SILHENCLDL FVWSNFALAK VFLDASIKPS EKSITRPERT TVWLIKMLYD FAQNGKIDYK RTLDRITFNL KNDKAFAASG MVTRKYMNSP ELHNPRIKRH LIKHIINGG QRYLSPERRL DSAIVSTPSL FEDGL
<b>Source</b>	Yeast
<b>Target Names</b>	hgiGIR
<b>Protein Names</b>	Recommended name: Type-2 restriction enzyme HgiGI Short name= R.HgiGI EC= 3.1.21.4 Alternative name(s): Endonuclease HgiGI Type II restriction enzyme HgiGI
<b>Expression Region</b>	1-335
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.