

# Recombinant Maltase-glucoamylase (MGAM) Instruction Manual

**SIPA717Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane
<b>Predicted Molecular Mass</b>	21.8kDa
<b>Accurate Molecular Mass</b>	21kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu213~Asn392 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	6.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
LTYQVEIS RQPFSIKVTR RSMNRVLFDS SIGPLLFADQ  
FLQLSTRLPS TINVYGLGEHV HQQYRHDMMW KTWPIFNRTD TPNGNGTNLY  
GAQTFFLCLE DASGLSFGVF LMNSNAMEVV LQPAPAITYR TIGGILDFYV  
FLGNTPEQVV QEYLELIGRP ALPSYWALGF HLSRYEYGTLDN
```

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

