# Recombinant Maltase-glucoamylase (MGAM) Instruction Manual

## SIPA717Hu01

#### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationMembranePredicted Molecular Mass21.8kDa

Accurate Molecular Mass 21kDa(Analysis of differences refer to the manual)

**Residues & Tags** Leu213~Asn392 with N-terminal His Tag

**Buffer Formulation** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 97% Isoelectric Point 6.2

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

#### **SEQUENCE**

LTYQVEIS RQPFSIKVTR RSNNRVLFDS SIGPLLFADQ FLQLSTRLPS TNVYGLGEHV HQQYRHDMNW KTWPIFNRDT TPNGNGTNLY GAQTFFLCLE DASGLSFGVF LMNSNAMEVV LQPAPAITYR TIGGILDFYV FLGNTPEQVV QEYLELIGRP ALPSYWALGF HLSRYEYGTL DN

#### **USAGE**

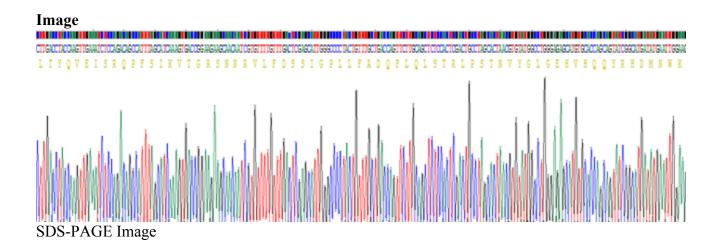
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

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

#### **STABILITY**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



### [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.