



# Recombinant Human Maltase-glucoamylase (MGAM), partial

<b>Product Code</b>	CSB-BP013772HU(A5)
<b>Abbreviation</b>	Recombinant Human MGAM protein, partial
<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>	O43451
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Human Maltase-glucoamylase(MGAM),partial
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC.
<b>Sequence</b>	DEEKIDCYPDENGASAENCTARGCIWEASNSSGVPFCYFVNDLYSVSDVQYN SHGATADISLKSSVYANAFPSTPVNPLRLDVTYHKNEMLQFKIYDPNKNRYEVP VPLNIPSMPSSTPEGQLYDVLIKKNPFGIEIRRKSTGTIIWDSQLLGFTFSDMFIR ISTRLP SKYLYGFGETEHR SYRRDLEWHTWGMFSRDQPPGYKKNSYGVHPY YMGLEEDGSAHGVLLLNSNAMDVTFQPLPALTYRTTGGVLDYFVFLGPTPELV TQQYTELIGRPVMVPYWSLGFQLCRYGYQNDSEIASLYDEMVA AQIPYDVQYS DIDYMERQLDFTLSPKFAGFPALINRMKADGMRVILILDPAISGNETQPYPAFTR GVEDDVFIKYPNDGDIVWGK VWPDPFDPVVVNGSLDWDSDQVELYRAYVAFPDF FRNSTAKWWKREIEELYNNPQNPERSLKFDGMWIDMNEPSSFVNGAVSPGC RDASLNHPPYMPHLES RDRGLSSKTL CMESQQILPDGSLVQHYNVHNLYGWS QTRPTYEAVQEVTGQRGVVITRSTFPSSGRWAGHWLGDNTAAWDQLKKSIIIG MMEFSLFGISYTGADICGFFQDAEYEMCVRWMQLGAFYPFSRNHNTIGTRRQ DPVSWDVA FVNISRTVLQTRYTL LPYLYTLMHKAHTEGVTVVRPLLHEFVSDQ VTWDIDSQFLLGPAFLVSPVLERNARNVTAYFPRARWYDYTYTGDINARGEW KTL PAPLDHINLHV RGGYILPWQEPALNTHLSRQKFMGFKIALDDEGTAGGWL FWDDGQSIDTYGKGLYLLASFSASQNTMQSHIIFNNYITGTNPLKLG YIEIWGV GSVPVTSV SISVSGM VITPSFNNDPTTQVLSIDVTDRNISLHNFTSLTW
<b>Research Area</b>	Others
<b>Source</b>	Baculovirus
<b>Target Names</b>	MGAM
<b>Expression Region</b>	960-1853aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at



4°C for up to one week.

**Tag Info**

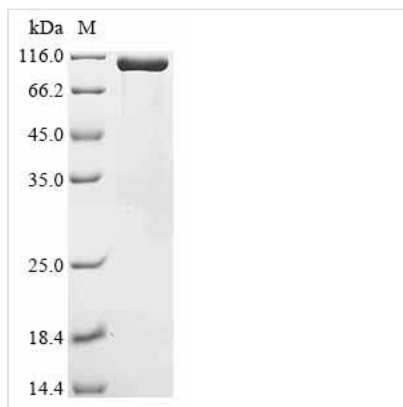
C-terminal 6xHis-tagged

**Mol. Weight**

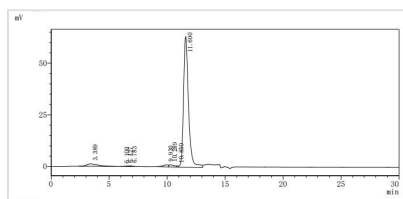
103.1 kDa

**Protein Length**

Partial of Isoform 1

**Image**


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of MGAM was greater than 90% as determined by SEC-HPLC

**Reconstitution**

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.

**Shelf Life**

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.