



Recombinant Human Maltase-glucoamylase (MGAM), partial

Product Code	CSB-BP013772HU(A5)
Abbreviation	Recombinant Human MGAM protein, partial
Storage	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.
Uniprot No.	O43451
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Human Maltase-glucoamylase(MGAM),partial
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Sequence	DEEKIDCYPDENGASAENCTARGCIWEASNSSGVPFCYFVNDLYSVSDVQYN SHGATADISLKSSVYANAFPSTPVNPLRLDVTYHKNEMLQFKIYDPNKNRYEVP VPLNIPSMPSSTPEGQLYDVLIKKNPFGIEIRRKSTGTIIWDSQLLGFTFSDMFIR ISTRLP SKYLYGFGETEHR SYRRDLEWHTWGMF SRDQPPGYKKNSYGVHPY YMGLEEDGSAHGVLLLNSNAMDVTFQPLPALT YRTTGGVLD FVYVFLGPTPELV TQQYTELIGRPVMVPYWSLGFQLCRYGYQNDSEIASLYDEMVA AQIPYDVQYS DIDYMERQLDFTLSPKFAGFPALINRMKADGMRVILILDPAISGNETQPYPAFTR GVEDDVFIKYPNDGDIVWGKVWPDFPDVVVNGSLDWDSQVELYRAYVAFPDF FRNSTAKWWKREIEELYNNPQNPERSLKFDGMWIDMNEPSSFVNGAVSPGC RDASLNHPPYMPHLESRRDRGLSSKTL CMESQQILPDGSLVQHYNVHNLYGWS QTRPTYEAVQEVTGQRGVVITRSTFPSSGRWAGHWLGDNTAAWDQLKKSIIIG MMEFSLFGISYTGADICGFFQDAEYEMCVRWMQLGAFYPFSRNHNTIGTRRQ DPVSWDVAFVNISRTVLQTRYTLLPYLYTLMHKAHTEGVTVVRPLLHEFVSDQ VTWDIDSQFLLGPAFLVSPVLERNARNVTAYFPRARWYDYTYTGV DINARGEW KTL PAPLDHINLHV RGGYILPWQEPALNTHLSRQKFMGFKIALDDEGTAGGWL FWDDGQSIDTYGKGLYLLASFSASQNTMQSHIIFNNYITGTNPLKLG YIEIWGV GSVPVTSVSVISVSGMVITPSFNNDPTTQVLSIDVTDRNISLHNFTSLTW
Research Area	Others
Source	Baculovirus
Target Names	MGAM
Expression Region	960-1853aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at



4°C for up to one week.

Tag Info

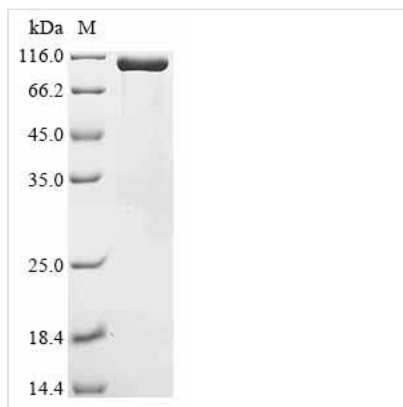
C-terminal 6xHis-tagged

Mol. Weight

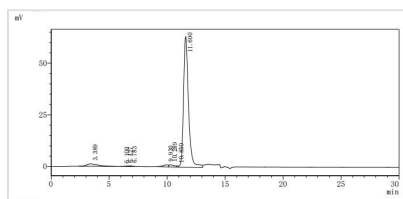
103.1 kDa

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.