



Recombinant Beta-carotene ketolase

Product Code	CSB-MP658602HBAF
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.	Q39982
Product Type	Recombinant Protein
Immunogen Species	Haematococcus lacustris (Green alga) (Haematococcus pluvialis)
Purity	>85% (SDS-PAGE)
Sequence	MHVASALMVE QKGSEAAASS PDVLRWATQ YHMPSESSDA ARPALKHAYK PPASDAKGIT MALTIIGTWT AVFLHAIFQI RLPTSMDQLH WLPVSEATAQ LLGGSSSLH IAAVFIVLEF LYTGLFITTH DAMHGIALR HRQLNDLLGN ICISLYAWFD YSMLHRKHWE HHNHTGEVVK DPDFHKGNGP LVPWFASFMS SYMSLWQFAR LAWWAVVMQM LGAPMANLLV FMAAAPILSA FRLFYFGTYL PHKPEPGPAA GSQVMAWFRA KTSEASDVMS FLTCYHFDLH WEHHRWPFAP WWQLPHCRRL SGRGLVPALA
Source	Mammalian cell
Protein Names	Recommended name: Beta-carotene ketolase EC= 1.13.-.- Alternative name(s): Beta-carotene oxygenase
Expression Region	1-320
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.