Recombinant Neurospora crassa Trimethyllysine dioxygenase (cbs-1)

Product Code	CSB-YP847231NHA
Abbreviation	cbs-1
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.	Q96UB1
Product Type	Recombinant Protein
Immunogen Species	Neurospora crassa (strain ATCC 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
Purity	≥85% (SDS-PAGE)
Sequence	MRPQVVGAIL RSRAVVSRQP LSRTHIFAAV TVAKSSSPAQ NSRRTFSSSF RRLYEPKAEI TAEGLELSPP QAVTGGKRTV LPNFWLRDNC RCTKCVNQDT LQRNFNTFAI PSDIHPTKVE ATKENVTVQW SDNHTSTYPW PFLSFYLTSN ARGHENDQIS LWGSEAGSRP PTVSFPRVMA SDQGVADLTA MIKEFGFCFV KDTPHDDPDV TRQLLERIAF IRVTHYGGFY DFTPDLAMAD TAYTNLALPA HTDTTYFTDP AGLQAFHLLE HKAAPSRPPP PPPPPPPPSE EKEAAGSAAG EAAAAAEGGK SLLVDGFNAA RILKEEDPRA YEILSSVRLP WHASGNEGIT IAPDKLYPVL ELNEDTGELH RVRWNNDDRG VVPFGEKYSP SEWYEAARKW DGILRRKSSE LWVQLEPGKP LIFDNWRVLH GRSAFSGIRR ICGGYINRDD FISRWRNTNY PRSEVLPRVT G
Source	Yeast
Target Names	cbs-1
Protein Names	Recommended name: Trimethyllysine dioxygenase EC= 1.14.11.8 Alternative name(s): Epsilon-trimethyllysine 2-oxoglutarate dioxygenase TML hydroxylase TML-alpha-ketoglutarate dioxygenase Short name= TML dioxygenase Short nam
Expression Region	1-471
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.