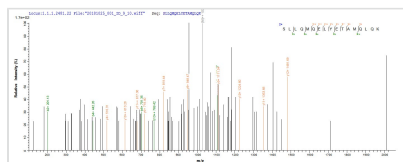


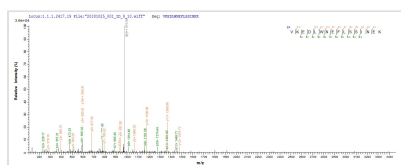


Recombinant *Saccharomyces cerevisiae* 3-methyl-2-oxobutanoate hydroxymethyltransferase (ECM31)

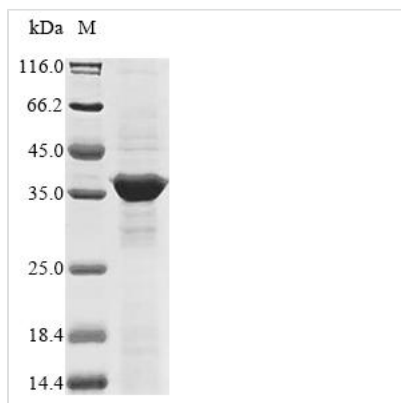
Product Code	CSB-YP330827SVG
Abbreviation	Recombinant <i>Saccharomyces cerevisiae</i> ECM31 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P38122
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MNIMKRQLCTSSKRFFSTAKNVVKYNTIQDIRNKYFTGTPLSMCTAYDFITATW VNKANCDLLLVGDSLAMTSLGYDSTITLSLNEFKYHVASVCRAEGSSMVVDM PFGTFESGISDGLKNAIDIMKLDKSVTSVKVEVGSYTKDKYAMKFIEELCSRGIP VMAHIGLTPQKVHSLGGYKVQGSKSLQMQELYETAMQLQKIGCWSILIECVP HKMAQFITSKLSVPTIGIGAGNGTSGQVLVISDLLGMQGDSPKFKVQAVNMT DIATQGLKEYIASVEDRTFPERGTHTFKVKEDLWNEFLSSINEK
Research Area	Cancer
Source	Yeast
Target Names	ECM31
Protein Names	Recommended name: 3-methyl-2-oxobutanoate hydroxymethyltransferase EC=2.1.2.11 Alternative name(s): Extracellular matrix protein 31 Ketopantoate hydroxymethyltransferase
Expression Region	1-312aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	38.3 kDa
Protein Length	Full Length

Image





Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP330827SVG could indicate that this peptide derived from Yeast-expressed *Saccharomyces cerevisiae* (strain ATCC 204508 / S288c) (Baker's yeast) ECM31.



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

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.