



Recombinant *Mortierella alpina* Delta (12) fatty acid desaturase

Product Code	CSB-CF896802MUM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9Y8H5
Product Type	Transmembrane Protein
Immunogen Species	<i>Mortierella alpina</i> (Oleaginous fungus) (<i>Mortierella renispora</i>)
Sequence	MAPPNTIDAGLTQRHISTSAAPTSAKPAFERNYQLPEFTIKEIRECIPAHCFERS GLRGL CHVAIDLTWASLLFLAATQIDKFENPLIRYLAWPAYWIMQGIVCTGIWVLAHEC GHQSFS TSKTLNNTVGWILHSMLLVPYHSWRISHSKHHKATGHMTKDQVFVPKTRSQV GLPPKENA AAAVQEEDMSVHLDEEAPIVTLFWMVIQFLFGWPAYLIMNASGQDYGRWTSH FHTYSPIF EPRNFFDIIISDLGVLAALGALIYASMQLSLLTVTKYYIVPYLNVNFWLVLITFLQH TDP KLPHYREGAWNFQRGALCTVDRSFGKFLDHMFHGIVHTHVAHHLFSQMPFYH AEEATYHL KKLLGEYYVYDPSPIVVAVWRSFRECRFVEDHGDVVFVKK
Source	in vitro E.coli expression system
Protein Names	Recommended name: Delta(12) fatty acid desaturase EC= 1.14.19.6 Alternative name(s): Delta-12 fatty acid desaturase
Expression Region	1-400
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
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.