



Recombinant *Xenopus laevis* Alpha-ketoglutarate-dependent dioxygenase FTO (fto), partial

Product Code	CSB-EP718083XBE
Abbreviation	fto
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.	Q68F54
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	≥85% (SDS-PAGE)
Sequence	MKKRGVLCEE EKEVKKRKLL EQIGDGHLPY LSSKDDTFYD LWGSCYSKLT LLQAKHVPVD LHHTVQNAFL SLLRNGCLFQ DLVRLKGKDI ITPVSRILIG RPGYTYKYLN TRLFAVPWIN DELNTQYSTR NLLETYKAFFS DLNDFLYSQT VNELQKLGKI HKDNFFQHSE YKEQIKSDQR PSTSNYENVK LHSMESFNVT LINYMDPQNM SFLKEEYFYG MGKMAVSWHH DENLVEQSTV AVYNYSYQES SNDVNGEDED PTRWHVGLKI AWDIETPGLL MPLSSGDCYL MLDDLKTHQ HCVIAGCQPR FSSTHRVAES STGTLQYIKS QCNSALQNLH MNPDTGAADL KNLEPNVLGQ TEEIHNEVEF EWLRFQWFQ KRYNKCTTFW KEAMTELEIH WKQMETMTSL VLKAIENENL TVDEKCNILK NILPPLVERQ DLRHDWRERC RSKLAKMLPP DQVPCFYFYW NDDNKTMLPL FDLHNIISAL QKTLEENELK L
Source	E.coli
Target Names	fto
Protein Names	Recommended name: Alpha-ketoglutarate-dependent dioxygenase FTO EC=1.14.11.-
Expression Region	1-501
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	Partial
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.