Recombinant Mouse Polyunsaturated fatty acid lipoxygenase ALOX12 (Alox12)

Product Code	CSB-MP001617MO
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.	P39655
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MGRYRVRVVT GAWLFSGSLN LVRLWLVGEH REAKLELQLR PARGKEEEFD FDVPEDLGPL QFVKLHKQHT VVDDAWFCNL ITVQGPGTSA EAVFPCYRWV QGEGILSLPE GTARLAGDNA LDVFQKYREK ELKERQQTYC WATWKEGLPQ TIAADCKDDL PPNMRFHEEK RLDFEWTLKA GVLEMGLKRV YTLLRSWNHL EDFDQIFWGQ KSALAEKVHQ CWQEDELFGY QFLNGANPML LRRSTSLPSR LVLPSGMEEL QAQLEKELKN GSLFEADFIL LDGIPANVIR GEPQYLAAPL VMLRMDPGGK LLPMAIQIQP PNPSSPAPTL FLPSDPPLAW LLAKIWVRNS DFQLQELQFH LLNTHLVAEV IAVATMRCLP GLHPIFKLLV PHIRYTMEIN TRSRTQLISD GGIFDQVVST GGGGHVQLLT RAVAQLTYHS LCPPDDLANR GLLRIPSALY ARDALQLWEV TARYVKGMVH LFYQSDDIVR GDPELQAWCR EITEVGLCHA QDRGFPVSFQ SRAQLCHFLT MCVFTCTAQH AAINQGQLDW YGWVPNAPCT MRMPPPTSKD DVTMETVMGS LPDVQKACLQ MTITWHLGRL QPDMVPLGHH TEKYFSDPRT KAVLSQFQAD LDNLEKEITA RNEQLDLPYE YLKPSRIENS ITI
Source	Mammalian cell
Target Names	Alox12
Protein Names	Recommended name: Arachidonate 12-lipoxygenase, 12S-type Short name= 12S-LOX Short name= 12S-lipoxygenase EC= 1.13.11.31Alternative name(s): Platelet-type lipoxygenase 12
Expression Region	1-663
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.