



# Recombinant Human Polyunsaturated fatty acid lipooxygenase ALOX15 (ALOX15)

<b>Product Code</b>	CSB-EP001621HU-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P16050
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GLYRIRVST GASLYAGSNN QVQLWLVGQH GEAALGKRLW PARGKETELK VEVPEYLGPL LFKLRKRHL LKDDAWFCNW ISVQGPAGD EVRFPCYRWV EGNGVLSLPE GTGRTVGEDP QGLFQKHREE ELEERRKLYR WGNWKDGLIL NMAGAKLYDL PVDERFLEDK RVDFEVSLAK GLADLAIKDS LNVLTCWKDL DDFNRIWCG QSKLAERVRD SWKEDALFGY QFLNGANPVV LRRSAHLPAR LVFPPGMEEL QAQLEKELEG GTLFEADFSL LDGIKANVIL CSQQHLAAPL VMLKLQPDGK LLPMVIQLQL PRTGSPPPPL FLPTDPPMAW LLAKCWVRSS DFQLHELQSH LLRGHLMAEV IVVATMRCLP SIHPIFKLII PHLRYTLEIN VRARTGLVSD MGIFDQIMST GGGGHVQLLQ QAGAFITYSS FCPPDDLADR GLLVKSSFY AQDALRLWEI IYRYVEGIVS LHYKTDVAVK DPELQWCR EITEIGLQGA QDRGFPVSLQ ARDQVCHFVT MCIFTCTGQH ASVHLGQLDW YSWVPNAPCT MRLPPPTTKD ATLETVMATL PNFHQASLQM SITWQLGRRQ PVMVAVGQHE EEFSGPEPK AVLKKFREEEL AALDKEIEIR NAKLDMPYEV LRPSVVENSV AI
<b>Source</b>	E.coli
<b>Target Names</b>	ALOX15
<b>Protein Names</b>	Recommended name: Arachidonate 15-lipoxygenase Short name= 15-LOX EC= 1.13.11.33 Alternative name(s): Arachidonate omega-6 lipoxygenase
<b>Expression Region</b>	2-662
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.