



Recombinant Human Polyunsaturated fatty acid lipooxygenase ALOX15 (ALOX15)

Product Code	CSB-EP001621HU
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.	P16050
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GLYRIRVST GASLYAGSNN QVQLWLVGQH GEAALGKRLW PARGKETELK VEVPEYLGPL LFKLRKRHL LKDDAWFCNW ISVQGPAGD EVRFPCYRWV EGNGVLSLPE GTGRTVGEDP QGLFQKHREE ELEERRKLYR WGNWKDGLIL NMAGAKLYDL PVDERFLEDK RVDFEVSLAK GLADLAIKDS LNVLTCWKDL DDFNRIWFCG QSKLAERVRD SWKEDALFGY QFLNGANPVV LRRSAHLPAR LVFPPGMEEL QAQLEKELEG GTLFEADFSL LDGIKANVIL CSQQHLAAPL VMLKLQPDGK LLPMVIQLQL PRTGSPPPPL FLPTDPPMAW LLAKCWVRSS DFQLHELQSH LLRGHLMAEV IVVATMRCLP SIHPIFKLII PHLRYTLEIN VRARTGLVSD MGIFDQIMST GGGGHVQLLQ QAGAFITYSS FCPPDDLADR GLLGVKSSFY AQDALRLWEI IYRYVEGIVS LHYKTDVAVK DPELQWCR EITEIGLQGA QDRGFPVSLQ ARDQVCHFVT MCIFTCTGQH ASVHLGQLDW YSWVPNAPCT MRLPPPTTKD ATLETVMATL PNFHQASLQM SITWQLGRRQ PVMVAVGQHE EEFSGPEPK AVLKKFREEEL AALDKEIEIR NAKLDMPYEV LRPSVVENSVAI
Source	E.coli
Target Names	ALOX15
Protein Names	Recommended name: Arachidonate 15-lipoxygenase Short name= 15-LOX EC= 1.13.11.33 Alternative name(s): Arachidonate omega-6 lipoxygenase
Expression Region	2-662
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 of Mature 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

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