



Recombinant Human Arachidonate 15-lipoxygenase B (ALOX15B)

Product Code	CSB-EP001622HU
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.	O15296
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	MAEFRVRVST GEAFGAGTWD KVSVSIVGTR GESPPPLPLDN LGKEFTAGAE EDFQVTLPED VGRVLLLRVH KAPPVLPLLG PLAPDAWFCR WFQLTPPRGG HLLFPCYQWL EGAGTLVLQE GTAKVSWADH HPVLQQQRQE ELQARQEMYQ WKAYNPGWPH CLDEKTVEDL ELNIKYSTAK NANFYLQAGS AFAEMKIKGL LDRKGLWRSL NEMKRIFNFR RTPAAEHAFE HWQEDAFFAS QFLNGLNPVL IRRCHYLPKN FPVTDAMVAS VLGPGLSLQA ELEKGSFLV DHGILSGIQT NVINGKPQFS AAPMTLLYQS PGCGPLLPLA IQLSQTPGPN SPIFLPTDDK WDWLLAKTWV RNAEFSFHEA LTHLLHSHLL PEVFTLATLR QLPHCHPLFK LLIPHTRYTL HINTLARELL IVPGQVVDRS TGIGIEGFSE LIQRNMKQLN YSLLCLPEDI RTRGVEDIPG YYRDDGMQI WGAVERFVSE IIGIYPSDE SVQDDRELQA WVREIFSKGF LNQESSGIPS SLETREALVQ YVTMVIFTCS AKHAAVSAGQ FDSCAWMPNL PPSMQLPPPT SKGLATCEGF IATLPPVNAT CDVILALWLL SKEPGDQRPL GTYPDEHFTE EAPRRSIATF QSRLAQISRG IQERNQGLVL PYTYLDPPLI ENSVSI
Source	E.coli
Target Names	ALOX15B
Protein Names	Recommended name: Arachidonate 15-lipoxygenase B Short name= 15-LOX-B EC= 1.13.11.33 Alternative name(s): 15-lipoxygenase 2 Short name= 15-LOX-2 Arachidonate 15-lipoxygenase type II
Expression Region	1-676
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

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