



# Recombinant Human Arachidonate 15-lipoxygenase B (ALOX15B)

<b>Product Code</b>	CSB-BP001622HU
<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>	O15296
<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>	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
<b>Source</b>	Baculovirus
<b>Target Names</b>	ALOX15B
<b>Protein Names</b>	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
<b>Expression Region</b>	1-676
<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 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.

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