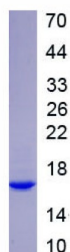
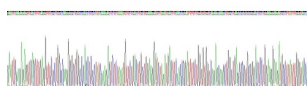


Human Polyunsaturated Fatty Acid Lipoygenase ALOX15 (ALOX15) Protein

Catalogue No.: abx065449



SDS-PAGE analysis of recombinant Human Polyunsaturated Fatty Acid Lipoygenase ALOX15 (ALOX15) Protein.



Gene sequencing extract of recombinant Human Polyunsaturated Fatty Acid Lipoygenase ALOX15 (ALOX15) Protein.

Human Polyunsaturated Fatty Acid Lipoygenase ALOX15 (ALOX15) Protein is a recombinant Human protein expressed in *E. coli*.

This protein is the immunogen for the following antibodies: [abx103106](#), [abx103107](#), [abx272069](#), [abx273735](#)

Target: Polyunsaturated Fatty Acid Lipoygenase ALOX15 (ALOX15)

Research Area: Enzymes and Kinases, Metabolic Pathways

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: *E. coli*

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Datasheet

Version: 4.0.0
Revision date: 09 Oct 2025



Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P16050 ([UniProt](#), [ExPASy](#))

Gene Symbol: ALOX15

GeneID: [246](#)

KEGG: hsa:246

String: [9606.ENSP00000458832](#)

Molecular Weight: Calculated MW: 17.3 kDa
Observed MW (SDS-PAGE): 17 kDa

Sequence Fragment: Lys170-Leu312

Sequence: KRVD FEV SLAKGLADLA IKDSL NVLTC WKDLDDFNRI FWCGQSKLAE RVRDSWKEDA
LFGYQFLNGA NPVVLRRSAH LPARLVFPPG MEELQAQLEK ELEG GTLFEA DFSLLDGIKA
NVILCSQQHL AAPLVMLKLQ PDGKLL

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 350 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.