

Mouse Polyunsaturated Fatty Acid 5-Lipoxygenase (ALOX5) Protein

Catalogue No.: abx065450

Recombinant Arachidonate-5-Lipoxygenase (ALOX5) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target:	Polyunsaturated Fatty Acid 5-Lipoxygenase (ALOX5)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 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. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48999 (UniProt , ExpASY)
KEGG:	mmu:11689
String:	10090.ENSMUSP00000026795
Molecular Weight:	Calculated MW: 20.1 kDa
Sequence Fragment:	Leu374-Leu536

Datasheet

Version: 2.0.0

Revision date: 15 Jan 2025



Sequence: LVSEVFGIAM YRQLPAVHPL FKLLVAHVRF TIAINTKARE QLICEYGLFD KANATGGGGH
VQMVQRAVQ
D LTYSSLCFPE AIKARGMDST EDIPFYFYRD DGLLVWEAIQ SFTMEVVSII YENDQVVEED
QELQDFV
KDV YVYGMRGKKA SGFPKSIKSR EKL

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: This product is for research use only.
Not for human consumption, cosmetic, therapeutic or diagnostic use.

For Reference Only