

Recombinant Mouse Alox12 Protein, MYC/DDK-tagged

Cat. No. Alox12-578M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse arachidonate 12-lipoxygenase (Alox12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in genital fat pad adult (RPKM 9.9), spleen adult (RPKM 9.6) and 19 other tissues.
Molecular Mass	75.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Alox12 arachidonate 12-lipoxygenase [Mus musculus (house mouse)]
Official Symbol	Alox12
Synonyms	Alox12; arachidonate 12-lipoxygenase; P-12LO; Alox12p; 9930022G08Rik; polyunsaturated fatty acid lipoxygenase ALOX12; 12S-LOX; 12S-lipoxygenase; arachidonate (12S)-lipoxygenase; arachidonate (15S)-lipoxygenase; arachidonate 12-lipoxygenase, 12S-type; arachidonate 15-lipoxygenase,15S-type; linoleate 13S-lipoxygenase; lipoxin synthase 12-LO; platelet-type lipoxygenase 12; EC 1.13.11.31; EC 1.13.11.33
Gene ID	11684
mRNA Refseq	NM_007440
Protein Refseq	NP_031466
UniProt ID	P39655

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