

Recombinant Human ALOX12 cell lysate

Cat. No. ALOX12-64HCL Lot. No. (See product label)

SPECIFICATION

| | |
|----------------|-----------------------------------------------------------------------------------------------------------|
| Species | Human |
| Size | 100 ul |
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Applications | Western Blot; |

GENE INFORMATION

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|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name | ALOX12 arachidonate 12-lipoxygenase [Homo sapiens] |
| Official Symbol | ALOX12 |
| Synonyms | ALOX12; arachidonate 12-lipoxygenase; arachidonate 12-lipoxygenase, 12S-type; 12S LOX; platelet 12 LOX; platelet 12-LOX; 12S-lipoxygenase; 12(S)-lipoxygenase; platelet-type 12-lipoxygenase; platelet-type lipoxygenase 12; LOG12; 12-LOX; 12S-LOX; |
| Gene ID | 239 |
| mRNA Refseq | NM_000697 |
| Protein Refseq | NP_000688 |

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MIM | 152391 |
| UniProt ID | P18054 |
| Chromosome Location | 17p13.1 |
| Pathway | Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Eicosanoid Synthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Serotonergic synapse, organism-specific biosystem; |
| Function | arachidonate 12-lipoxygenase activity; hepoxilin-epoxide hydrolase activity; iron ion binding; lipoxygenase activity; metal ion binding; oxidoreductase activity; protein binding; |

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