

Recombinant Human ALOX12 protein, His-tagged

Cat. No. ALOX12-2815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALOX12 protein(111 - 230 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	111 - 230 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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
MIM	152391
UniProt ID	P18054

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