

Recombinant Human ALOX12B Protein, GST-tagged

Cat. No. ALOX12B-483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALOX12B full-length ORF (NP_001130.1, 1 a.a. - 701 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an enzyme involved in the conversion of arachidonic acid to 12R-hydroxyeicosatetraenoic acid. Mutations in this gene are associated with nonbullous congenital ichthyosiform erythroderma. [provided by RefSeq, Sep 2015]
Molecular Mass	106.8 kDa
AA Sequence	MATYKVRVATGTDLLSGTRDSISLTIVGTQGESHKQLLNHFGRDFATGAVGQYTVQ CPQDLGELIIIRLHKERYAFFPKDPWYCNYVQICAPNGRIYHFPAYQWMDGYETLAL REATGKTTADDSLPVLEHRKEEIRAKQDFYHWRVFLPGLPSYVHIPSYPVRRHR NPNRPEWNGYIPGFPILINFKATKFLNLNLRYSFLKTASFFVRLGPMALAFKVRGLLD CKHSWKRLKDIRKIFPGKKSVMSEYVAEHWAEDTFYGYQYLNGVNPGLIRRCTRIPD KFPVTDDMVAPFLGEGTCLQAELEKGNILADYRIMEGIPTVELSGRKQHHCAPLCL LHFGPEGKMMPIAIQLSQTPGPDCEIFLPDSEWDWLLAKTWVRYAEFYSHEAIAHL LETHLIAEAFCLALLRNLPMPCHPLYKLLIPHTRYTVQINSIGRAVLLNEGGLSAKGMSL GVEGFAGVMVRALSELTYSLYLPNDFVERGVQDLPGYYRDDSLAVWNALEKYVT EIITYYPSDAAVEGDPELQSWVQEIFKECLLGRESSGFPRCLRTVPELIRYVTIVIYT CSAKHAAVNTGQMEFTAWMPNFPASMRNPPIQTKGLTTLETFMDTLPDVKTTCITLL

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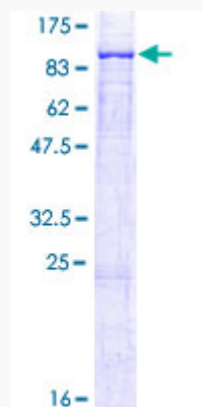
 45-1 Ramsey Road, Shirley, NY 11967, USA

	VLWTLSREPDDRRPLGHFPDIHFVEEAPRRSIEAFRQRLNQISHDIRQRNKCLPIPY YLDPVLIENSISI
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ALOX12B arachidonate 12-lipoxygenase, 12R type [Homo sapiens]
Official Symbol	ALOX12B
Synonyms	ALOX12B; arachidonate 12-lipoxygenase, 12R type; arachidonate 12-lipoxygenase, 12R-type; 12R LOX; 12R-lipoxygenase; epidermis-type lipoxygenase 12; 12R-LOX;
Gene ID	242
mRNA Refseq	NM_001139
Protein Refseq	NP_001130
MIM	603741
UniProt ID	O75342

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12.5% SDS-PAGE Stained with Coomassie Blue.

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