

L-amino-acid oxidase (Il4i1) Recombinant Protein | Il4i1 recombinant protein

Recombinant Mouse L-amino-acid oxidase (Il4i1)

CATALOG #
AAA116003

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

L-amino-acid oxidase (Il4i1); Recombinant Mouse L-amino-acid oxidase (Il4i1); Il4i1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-630, Full length protein
Sequence	DWKAASSLNP IEKCMEDHDY EQLLKVVTLG LNRTSKPQKV VVGAGVAGL VAAKMLSDAG HKVTILEADN RIGGRIFTFR DEKTGWIGEL GAMRMPSSHR ILHKLCRTLGL NLQTFTQYD ENTWTEVHNV KLRNYVVEKM PEKLGYNLNN RERGHSPEDI YQMALNKAFK DLKALGCKKA MNKFNKHTLL EYLLEEGNLS RPAVQLLGDV MSEEGFFYLS FAEALRAHAC LSDRLYSRI VGGWDLLPRA LLSSLGALL LNA PVVSITQ GRNDVRVHIA TSLHSEKTLT ADVVLLTASG PALQRITFSP PLTRKRQEAL RALHYVAASK VLSFRFPFW HEEHIEGGHS NTDPRSLIF YPARGESLL LASYTWSDAAPPFAGLSTDQ TRLVLQDVA ALHGPVVFRL WDGRGVVKRW AEDPHSQGGF VVQPPLYGRE AEDYDWSAPF GRIYFAGEHT ALPHGWVETA VKSGLRAAVR INNNYGYGEV DPQMMEHAYA EANYLDQYPE GERPEEQAR EEVSPDEQEP SHKHLLVETS PEGQQHAFVE AIPELQGHVF VETVPQEKGH AHQNIYPSEH VQVHGEVIPE WHGHGSGTP QMHRVGDHS
Sequence Length	609
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Il4i1 recombinant protein	This protein shares the limited similarity with L-amino acid oxidase, and contains the conserved key amino acid residues thought to be involved in catalysis and binding of the flavin adenine dinucleotide cofactor. The expression of this gene can be induced by interleukin 4 in B cells. Two alternatively spliced transcript variants of this gene encoding two distinct isoforms have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283484016
NCBI GeneID	100328588
NCBI Accession #	NP_001164495.1
NCBI GenBank Nucleotide #	NM_001171024.1
UniProt Accession #	O09046; Q1LZI6; Q3T9N9; Q3U7S6; Q3V0K2; Q6Y632; Q6YBV6; Q6YDI8; Q8R2G8; Q9C XK7
Molecular Weight	71,170 Da
NCBI Official Full Name	L-amino-acid oxidase

NCBI Official Synonym Full Names	predicted gene, 21948
NCBI Official Symbol	Gm21948
NCBI Official Synonym Symbols	Nup62-il4i1
NCBI Protein Information	L-amino-acid oxidase
UniProt Protein Name	L-amino-acid oxidase
UniProt Gene Name	IL4i1
UniProt Synonym Gene Names	Fig1; LAAO; LAO; IL4-induced protein 1; mFIG1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il4i1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116003>