

# Recombinant Human IL4I1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL4I1-1817H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

IL4I1 MS Standard C13 and N15-labeled recombinant protein (NP\_758962) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

This gene encodes a protein with limited similarity to L-amino acid oxidase which contains the conserved amino acids thought to be involved in catalysis and binding of flavin adenine dinucleotide (FAD) cofactor. The expression of this gene can be induced by interleukin 4 in B cells, however, expression of transcripts containing the first two exons of the upstream gene is found in other cell types. Multiple transcript variants encoding different isoforms have been found for this gene.

### Molecular Mass

65.4 kDa

### AA Sequence

MPNDDFCPGLTIKAMGAERAPQRQPCTLHLLVLPILLSLVLASQDWKAERSQDPFEK  
 CMQDPDYEQLLKVVVTWGLNRTLKQRVIVVAGVAGLVAAKVLSDAGHKVTILEAD  
 NRIGGRIFTYRDQNMGWIGELGAMRMPSSHRIHKLKQGLGLNLTKFTQYDKNTWT  
 EVHEVKLRNYVVEKVPEKLGALRPQEKGHSPEDIYQMALNQALKDLKALGCRKAM  
 KKFERHTLLEYLLGEGNLSRPAVQLLGDVMSDGGFFYLSFAEALRAHSCLSDRLQYS  
 RIVGGWDLPRALLSSLSGLVLLNAPVVAMTQGPHDVHVQIETSPARNLKVVKADV  
 VLLTASGPAVKRITFSPPLPRHMQEALRRLHYVPATKVFLSFRPFWREEHIEGGHS

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NTDRPSRMIFYPPPREGALLASYTWSDAAAAFAGLSREEALRLALDDVAALHGPVV  
 RQLWDGTGVVKRWAEDQHSQGGFVVQPPALWQTEKDDWTVPYGRIYFAGEHTAY  
 PHGWVETAVKSALRAAIKINSRKGPASDTASPEGHASDMEGQGHVHGVASSPSHD  
 LAKEEGSHPPVQGQLSLQNTTHTRTSHTRTRPLEQKLISEEDLAANDILDYKDDDDK  
 V

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [IL4I1 interleukin 4 induced 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [IL4I1](#)

**Synonyms** IL4I1; interleukin 4 induced 1; L-amino-acid oxidase; FIG1; Fig-1 protein; IL4-induced protein 1; interleukin four induced 1; LAO; LAO;

**Gene ID** [259307](#)

**mRNA Refseq** [NM\\_172374](#)

**Protein Refseq** [NP\\_758962](#)

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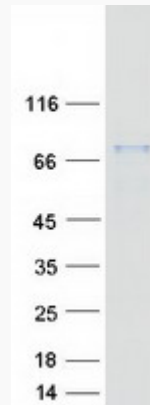
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MIM 609742

UniProt ID Q96RQ9

SDS-PAGE



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