

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	MPNDDFCPGLTIKAMGAERAPQRQPCTLHLLVLPILLSLVASQDWKAERSQDPFEK CMQDPDYEQLLKVVVTWGLNRTLKPQRVIVVGAGVAGLVAALKVLS DAGHKVTILEAD NRIGGRIFTYRDQNMGWIGELGAMRMPSSHRILHKLCQGLGLNLTKFTQYDKNTWT EVHEVKLRNYVVEKVPEKLG YALRPQEKGHSPEDIYQMALNQALKDLKALGCRKAM KKFERHTLLEYLLGEGNLSRPAVQLLGDVMS EDGFFYLSFAEALRAHSCLSDRLQYS RIVGGWDL LPRALLSSLSGLVLLNAPVVAMTQGPHDVHVQIETSPPARNLKVLKADV VLLTASGPAVKRITFSPPLPRHMQEALRRLHYVPATKVFLSFRPFWREEHIEGGHS

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NTDRPSRMIFYPPPPREGALLASYTWSDAAAAFAGLSREEALRLALDDVAALHGPVV
 RQLWDGTGVVWRWAEDQHSQGGFVVQPPALWQTEKDDWTVPYGRIYFAGEHTAY
 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; LAAO;

Gene ID 259307

mRNA Refseq NM_172374

Protein Refseq NP_758962

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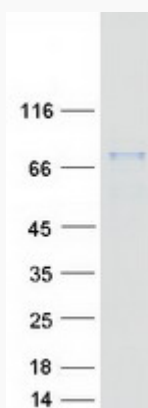
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MIM 609742

UniProt ID Q96RQ9

SDS-PAGE



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