

Bioactive

IL4I1 (Human) Recombinant Protein

Catalog # P8276

Size 2 x 10 ug

Specification

Product Description	Human IL4I1 (Q96RQ9, 26 a.a. - 232 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	ADLQDWKAERSQDPFEKCMQDPDYEQLLKVVWGLNRTLKPQRVIVGAGVAGLVAAKVLSDA GHKVTILEADNRIGGRIFTYRDQNTGWIGELGAMRMPSSHRILHKLCQGLGLNLTKFTQYDKNTWTE VHEVKLRNYVVEKVPEKLGALRPQEKGHSPEDIYQMALNQALKDLKALGCRKAMKKFERHTLL EYLLGEGNLSRPAVQLLDVMSDGGFFYLSFAEALRAHSCLSDRLQYSRVGGWDLPRALLSSL SGLVLLNAPVVAMTQGPHDVHVQIETSPPARNLKVLKADVLLTASGPAVKRITFSPPLPRHMQE ALRRLHYVPATKVFLSFRPFWREEHIEGGHSNTDRPSRMIFYPPPREGALLASYTWSDAAAAF AGLSREEALRLALDDVAALHGPVVRQLWDGTGVVKRWAEDQHSQGGFVVQPPALWQTEKDD WTPYGRIFYAGEHTAYPHGWVETAVKSALRAAIKINSRKGPASDTASPEGHASDMEGQGHVHG VASSPSHDLAKEEGSHPPVQGQLSLQNTTHTRTSHHHHHHHH
Host	insect
Theoretical MW (kDa)	24.7
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 90% by SDS-PAGE
Activity	> 300 pmol/min/ug, defined as the amount of enzyme that oxidize 3-phenylpyruvate pH-7 at 25°C.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 25mM MES pH-5.5 (100mM NaCl, 40% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL4I1

Entrez GeneID [259307](#)

Protein Accession# [Q96RQ9](#)

Gene Name IL4I1

Gene Alias FIG1

Gene Description interleukin 4 induced 1

Omim ID [609742](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene 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. [provided by RefSeq]

Other Designations Fig-1 protein|interleukin 4 induced protein 1|interleukin four induced 1

Pathway

- [Alanine](#)
- [Cysteine and methionine metabolism](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Phenylalanine](#)
- [Phenylalanine metabolism](#)
- [Tryptophan metabolism](#)

- [Tyrosine metabolism](#)
- [Valine](#)