



# Recombinant Human L-amino-acid oxidase (IL4I1)

<b>Product Code</b>	CSB-EP850426HU-B
<b>Abbreviation</b>	IL4I1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96RQ9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	QDWKAERSQ DPF EKCMQDP DYEQLLKVVT WGLNRTLKPQ RVIVVGAGVA GLVAAKVLSD AGHKVTILEA DNRIGGRIFT YRDQNTGWIG ELGAMRMPSS HRILHKLCQG LGLNLTKFTQ YDKNTWTEVH EVKLRNYVVE KVPEKLGAL RPQEKGHSPE DIYQMALNQA LKDLKALGCR KAMKKFERHT LLEYLLGEGN LSRPAVQLLG DVMS EDGFFY LSFAEALRAH SCLSDRLQYS RIVGGWDL LP RALLSSLSGL VLLNAPVVAM TQGP HDVHVQ IETSPPARNL KVLKADVLL TASGPAVKRI TFS PPLPRHM QEALRRLHYV PATKVFLSFR RPFWREEHIE GGHSNTDRPS RMIFYPPPRE GALLASYTW SDAAAAFAGL SREEALRLAL DDVAALHGPV VRQLWDGTGV VKRWAEDQHS QGGFVVQPPA LWQTEKDDWT VPYGRIYFAG EHTAYPHGWV ETAVKSALRA AIKINSRKGP ASDTASPEGH ASDMEGQGHV HGVASSPSHD LAKEEGSHPP VQGQLSLQNT THTRTSH
<b>Source</b>	E.coli
<b>Target Names</b>	IL4I1
<b>Protein Names</b>	Recommended name: L-amino-acid oxidase Short name= LAAO Short name= LAO EC= 1.4.3.2 Alternative name(s): Interleukin-4-induced protein 1 Short name= IL4-induced protein 1 Protein Fig-1 Short name= hFIG1
<b>Expression Region</b>	22-567
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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