



# Recombinant Human FAD synthase (FLAD1)

<b>Product Code</b>	CSB-EP854116HU-B
<b>Abbreviation</b>	FLAD1
<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>	Q8NFF5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           RLS RIWLEKTRVF LEGSTRTPAL PHCLFWLLQV PSTQDPLFPG            YGPQCPVDLA GPPCLRPLFG GLGGYWALQ RGREGRTMTS            RASELSPGRS VTAGIIIVGD EILKGHTQDT NTFFLCRTLRL SLGVQVCRVS            VVPDEVATIA AEVTSFSNRF THVLTAGGIG PTHDDVTFEA VAQAFGDELK            PHPKLEAATK ALGGEGWEKL SLVPSSARLH YGTDPCGTGQP FRFPLVSVRN            VYLFPGIPEL LRRVLEGMKG LFNQPAVQFH SKELYVADE ASIAPILAEA            QAHFGRRLGL GSYPDWGSNY YQVKLTLTDE EEGPLEECLA YLTARLPQGS            LVPYMPNAVE QASEAVYKLA ESGSSLGKKV AGALQTIETS LAQYSLTQLC            VGFNGGKDCT ALLHLFHAHV QKRLPDVNP LQILYIRSI PFPELEQFLQ            DTIKRYNLQM LEAEGSMKQA LGELQARHPQ LEAVLMGTRR TDPYSCSLCP            FSPTDPGWPA FMRINPLLDW TYRDIWDFLR QLFVPYCILY DRGYTSLGSR            ENTVRNPALK CLSPGGHPTY RPAYLLENEE EERNRSRT         </p>
<b>Source</b>	E.coli
<b>Target Names</b>	FLAD1
<b>Protein Names</b>	Recommended name: FAD synthase EC= 2.7.7.2 Alternative name(s): FAD pyrophosphorylase FMN adenylyltransferase Flavin adenine dinucleotide synthase Including the following 2 domains: Molybdenum cofactor biosynthesis p
<b>Expression Region</b>	18-587
<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 gene encodes the enzyme that catalyzes adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
<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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