



Recombinant Human FAD synthase (FLAD1)

Product Code	CSB-EP854116HU-B
Abbreviation	FLAD1
Storage	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.
Uniprot No.	Q8NFF5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p> RLS RIWLEKTRVF LEGSTRTPAL PHCLFWLLQV PSTQDPLFPG YGPQCPVDLA GPPCLRPLFG GLGGYWRALQ RGREGRTMTS RASELSPGRS VTAGIIIVGD EILKGHTQDT NTFFLCRTLRL SLGVQVCRVS VVPDEVATIA AEVTSFSNRF THVLTAGGIG PTHDDVTFEA VAQAFGDELK PHPKLEAATK ALGGEGWEKL SLVPSSARLH YGTDPTGQP FRFPLVSVRN VYLFPGIPEL LRRVLEGMKG LFQNPVAVQFH SKELYVADE ASIAPILAEA QAHFGRRLGL GSYPDWGSNY YQVKLTLTDE EEGPLEECLA YLTARLPQGS LVPYMPNAVE QASEAVYKLA ESGSSLGKKV AGALQTIETS LAQYSLTQLC VGFNGGKDCT ALLHLFHAHV QRKLPDVPNP LQILYIRSIS PFPELEQFLQ DTIKRYNLQM LEAEGSMKQA LGELQARHPQ LEAVLMGTRR TDPYSCSLCP FSPTDPGWPA FMRINPLLDW TYRDIWDFLR QLFVPYCILY DRGYTSLGSR ENTVRNPALK CLSPGGHPTY RPAYLLENEE EERNRSRT </p>
Source	E.coli
Target Names	FLAD1
Protein Names	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
Expression Region	18-587
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.

Shelf Life

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