



Recombinant Danio rerio FAD synthase (flad1)

Product Code	CSB-EP727858DIL-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.	Q68EH8
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	≥85% (SDS-PAGE)
Sequence	MAQNCNTSST QKNGSATAAI LIIGDEILKG HTVDTNSAFL CRGLRKLGIT VERITVVPDV QEVIKESVSQ LSSTVTHLIT SGGIGPTHDD VTFESVAMAF GEELYAHPM TKLVEGFFGT VTSDSAPMKL AMVPASAKLN FGIDPQTGQR NRFPLVSVHN VYIFPGIPSL LEKSFENGLSH LFSGSGTTFH TREVFNDAE TEIAQSLSKL QAGWGKRVSL GSYPDWLSNY HRVRLVLDTD SVEEVERART QLIEELPKGS VVPLVTDPIV VAAQEVYSLK KSETQLGKKV AAALGTIEMA LDKYSVNEIC VGFNGGKDCT ALLHLYYAAL KRRYPDGKDR LKALYIRIVS PFPEMERFLQ DTIKRYDLEL FSVEGSIRQA LNEVKERRPD LRAVLMGTRR TDPYSHTLTP FCPTDPGWPD YMRVNPLLEW TYHDIWSFLR TLYVPYCILY DKGYTSLGSM DNSYRNPSLK MVDERGATRY KPAYMLENEE EERNSRE
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 protein-I
Expression Region	1-497
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 protein
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	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.