



Recombinant Pongo abelii FAD synthase (FLAD1)

Product Code	CSB-EP732756PYX
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.	Q5RCH4
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	MTSRASELSP GRSVTAGIII VGDEILKGHT QDTNTFFLCR TLRSLGVQVC RVSVAPDEVA TIAAEVTSFS NRFTHVLTAG GIGPTHDDVT FEAVAQAFGD ELKPHPELEA ATKALGGEGW EKLSLVPSSA CLHYGTDPR T GHPFRFPLVS VRNVYLFPSI PELLRRVLEG MKGLFQNP AV QFH SKELYVA ADEASIAPIL AEAQAHFGR R LGLGSYPDWG SNYYQVKLTL DSRGRRIPGG NAWPNLTARL PQGSLVPYMP NAVEQASEAV YKLAESGSSL GKKVAGALQT IETALAQYSL TQLCVGFNGG KDCTALLHLF HAAVQRKLPD VP NPLQILYI RSISPFPELE QFLQDTIKRY NLQMLEAEGS MKQALGELQA RHPQLEAVLM GTRRTDPYSC SLCPFSP TDP GWPAFMRINP LLDWTYRDIW DFLRQLFVPY CILYDRGYTS LGSRENTVRD PALKRLSPGG HPTYRPAYLL ENEEEERN SR T
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	1-491
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.