



# Recombinant Pongo abelii FAD synthase (FLAD1)

<b>Product Code</b>	CSB-EP732756PYX-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>	Q5RCH4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 HPTYR PAYLL ENEEEERN SR T
<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 protein-I
<b>Expression Region</b>	1-491
<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 protein
<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.
<b>Shelf Life</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.