

Recombinant Human FLAD1 Protein, GST-tagged

Cat. No. FLAD1-4206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLAD1 full-length ORF (ABM85078.1, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. [provided by RefSeq]
Molecular Mass	80.3 kDa
AA Sequence	MTSRASELSPGRSVTAGIIIVGDEILKGHTQDTNTFFLCRTLRLSLGVQVCRVSVVPDE VATIAAEVTSFSNRFTHVLTAGGIGPTHDDVTFEAVAQAFGDELKPHPKLEAATKALG GEGWEKLSLPSSARLHYGTDPTGQPFRLVSVRNVYLFPGIPELLRRVLEGMK GLFQNPVAVQFHSKELYVAADEASIAPILAEQAHFGRRLGLGSYPDWGSNYYQVKL TLDSEEEGLEECLAYLTARLPQGSVPYMPNAVEQASEAVYKLAESGSSLGKKVA GALQTIETSLAQYSLTQLCVGFNGGKDCTALLHLFHAHVQRKLPDVPNPLQILYIRSIS PFPELEQFLQDTIKRYNLQMLEAEGSMKQALGELQARHPQLEAVLMGTRRTDPYSC SLCPFSPDTPGWPAFMRINPLLDWTYRDIWDFLRQLFVPYCILYDRGYTSLGSRENT VRNPALKCLSPGGHPTYPAYLLENEEEERNST
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FLAD1 FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	FLAD1
Synonyms	FLAD1; FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae); Fad1, flavin adenine dinucleotide synthetase, homolog (yeast); FAD synthase; FAD1; PP591; FAD synthetase; FAD-synthetase; FAD pyrophosphorylase; FMN adenylyltransferase; flavin adenine dinucleotide synthase; flavin adenine dinucleotide synthetase; Fad1, flavin adenine dinucleotide synthetase, homolog; FADS; MGC31803; MGC40255; RP11-307C12.7;
Gene ID	80308
mRNA Refseq	NM_001184891
Protein Refseq	NP_001171820
MIM	610595

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UniProt ID

Q8NFF5

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