DHODH (NM_001361) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human dihydroorotate dehydrogenase (DHODH), nuclear gene encoding mitochondrial protein
Species: Human
Expression Host: HEK293T
Tag: C-Myc/DDK
Predicted MW: 41.6 kDa
Concentration: >50 ug/mL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Bioactivity: Enzyme activity (PMID: 27641501)
Enzyme activity (PMID: 28196676)
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
RefSeq: NP_001352
Locus ID: 1723
RefSeq Size: 2438
Cytogenetics: 16q22.2
RefSeq ORF: 1185
Synonyms: DHOdehase; POADS; URA1
Summary: The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]
Protein Families: Druggable Genome, Transmembrane
Protein Pathways: Metabolic pathways, Pyrimidine metabolism