

Recombinant Full Length Human DHODH Protein, GST-tagged

Cat. No. DHODH-2532HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHODH full-length ORF (1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	165 amino acids
Description	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]
Molecular Mass	43.9 kDa
AA Sequence	MVPSHSAPPVCLCSAGMDLTVTGFQWWNTGYGPDSRSPSSQKLGLDGLIVTNTT VSRPAGLQGALRSETGGLSGKPLRDLSTQTIREMYALTQGRVPIIGVGGVSSRQDVL EKIRAGASLVQLYTALTFWGPPVVGKVKRELEALLKEQGGFVTDAGADHRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	DHODH dihydroorotate dehydrogenase (quinone) [Homo sapiens]
Official Symbol	DHODH
Synonyms	DHODH; dihydroorotate dehydrogenase (quinone); dihydroorotate dehydrogenase; dihydroorotate dehydrogenase (quinone), mitochondrial; dihydroorotate oxidase; human complement of yeast URA1; URA1; POADS; DHodehase;
Gene ID	1723
mRNA Refseq	NM_001361
Protein Refseq	NP_001352
MIM	126064
UniProt ID	Q02127

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