

Recombinant Full Length Human QDPR Protein, His-tagged

Cat. No. QDPR-2090H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human QDPR protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-244aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	QDPR quinoid dihydropteridine reductase [Homo sapiens]
Official Symbol	QDPR
Synonyms	QDPR; quinoid dihydropteridine reductase; dihydropteridine reductase; 6; 7 dihydropteridine reductase; DHPR; PKU2; SDR33C1; short chain dehydrogenase/reductase family 33C; member 1; HDHPR; 6,7-dihydropteridine reductase; short chain dehydrogenase/reductase family 33C, member 1; FLJ42391;

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Gene ID	5860
mRNA Refseq	NM_000320
Protein Refseq	NP_000311
MIM	612676
UniProt ID	P09417
Chromosome Location	4p15.31
Pathway	Folate biosynthesis, organism-specific biosystem; Folate biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Phenylalanine and tyrosine catabolism, organism-specific biosystem; phenylalanine degradation I (aerobic), organism-specific biosystem;
Function	6,7-dihydropteridine reductase activity; NADH binding; NADPH binding; electron carrier activity; nucleotide binding; oxidoreductase activity; protein homodimerization activity;