

Recombinant Human QDPR lysate

Cat. No. QDPR-520HCL Lot. No. (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	29142.92Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

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;
Gene ID	5860

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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;