

# Recombinant Full Length Human QDPR Protein, GST-tagged

Cat. No. QDPR-3732H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human QDPR protein(1-244 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-244 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MAAAAAGEARRVLVYGGRGALGSRVCQAFRARNWWWASVDVVENEASASIIVK MTDSFTEQADQVTAEVGKLLGEEKVDAILCVAGGWAGGNAKSKSLFKNCDLMWKQ SIWTSTISSHLATKHLKEGGLLTLGAKAALDGTGPMIGYGMAGAVHQLCQSLAGK NSGMPPGAAAIAVLPVTLDTPMNRKSMPEADFSSWTPLEFLVETFDHWITGKNRPS SGSLIQVVTTEGRTELTPAYF
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**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

**mRNA Refseq**

NM\_000320

**Protein Refseq**

NP\_000311

**MIM**

612676

**UniProt ID**

P09417

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