

Recombinant Full Length Human QDPR Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human QDPR protein(1-244 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-244 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MAAAAAGEARRVLVYGGRGALGSRVCQAFRARNWWWASVDVVENEEASASIIVK MTDSFTEQADQVTAEVGKLLGEEKVDAILCVAGGWAGGNAKSKSLFKNCDLMWKQ SIWTSTISSHLATKHLKEGGLTLGAKAALDGTGPMIGYGMAGAVHQLCQSLAGK NSGMPPGAAAIAVLPVTLDTPMNRKSMPEADFSSWTPLEFLVETFDHWITGKNRPS SGSLIQVVTTEGRTELTPAYF
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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