

Human QDPR Recombinant Protein



RPPB2236

Product Information Protein Information

Product SKU:

RPPB2236

Accession:

P09417

Host:

Escherichia Coli.

Protein description:

QDPR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (1-244 a.a.) and having a molecular mass of 28.2kDa. QDPR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Dihydropteridine reductase, HDHPR, Quinoid dihydropteridine reductase, QDPR, DHPR, PKU2, SDR33C1.

Formulation:

QDPR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAAAAAA GEARRLVYG GRGALGSRV QAFRARNWWV
ASVDVNEE ASASIIVKMT DSFTEQADQV TAEVGKLLGE EKVDAILCVA GGWAGGNAKS KSLFKNCDLM
WKQSIWTSTI SSSLATKHLK EGGLETLAGA KAALDGTSGM IGYGMAKGAV HQLCQSLAGK NSGMPPGAAA
IAVLPVTLDT PMNRKSMPEA DFSSWTPLEF LVETFHDWIT GKNRPSSGSL IQVVTTEGRT ELTPAYF.