

Dihydropteridine reductase (Qdpr) Recombinant Protein | Qdpr recombinant protein

Recombinant Mouse Dihydropteridine reductase (Qdpr)

CATALOG #
AAA117661

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Dihydropteridine reductase (Qdpr); Recombinant Mouse Dihydropteridine reductase (Qdpr); Qdpr recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-241aa; Full Length
Sequence	MAASGEARRV LUYGGRGALG SRCVQAFRR NWWVASIDVV ENEEASASVV VKMTDSFTEQ ADQVTADVGK LLGDQKVDAL LCVAGGWAGG NAKSKSLFKN CDMMWKQSMW TSTISSHLAT KHLKEGGLLT LAGAKAALDG TPGMIGYGMA KGAVHQLCQS LAGKNSGMPP GAAAIAPLPV TLDTPMNRKS MPEADFSSWT PLEFLVETFH DWITGNKRPN SGSLIQVVT DKGTELTPAY F
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Qdpr recombinant protein	This gene encodes the enzyme dihydropteridine reductase, which catalyzes the NADH-mediated reduction of quinoid dihydrobiopterin. This enzyme is an essential component of the pterin-dependent aromatic amino acid hydroxylating systems. Mutations in this gene resulting in QDPR deficiency include aberrant splicing, amino acid substitutions, insertions, or premature terminations. Dihydropteridine reductase deficiency presents as atypical phenylketonuria due to insufficient production of biopterin, a cofactor for phenylalanine hydroxylase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21312520
NCBI GeneID	110391
NCBI Accession #	NP_077198.1
NCBI GenBank Nucleotide #	NM_024236.2
UniProt Accession #	Q8BVI4; Q3TT09; Q9D0K4
Molecular Weight	25,570 Da
NCBI Official Full Name	dihydropteridine reductase
NCBI Official Synonym Full Names	quinoid dihydropteridine reductase
NCBI Official Symbol	Qdpr
NCBI Official Synonym Symbols	Dhpr; PKU2; D5Ert371e; 2610008L04Rik

NCBI Protein Information	dihydropteridine reductase
UniProt Protein Name	Dihydropteridine reductase
UniProt Gene Name	Qdpr
UniProt Synonym Gene Names	Dhpr

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/qdpr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117661>