

RPPB2281

Product Information Protein Information

Product SKU:

RPPB2281

Accession:

P35270

Host:

Escherichia Coli.

Protein description:

Sepiapterin Reductase produced in E.Coli is a single, non-glycosylated polypeptide chain containing 281 amino acids (1-261 a.a.) and having a molecular mass of 30.2 kDa. Sepiapterin Reductase is expressed with a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

SDR38C1, SPR, Dystonia, Sepiapterin reductase.

Formulation:

The SPR solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Purity:

Greater than 95.0% 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 MEGGLGRAVC LLTGASRGFG RTLAPLLASL LSPGSVLVLS ARNDEALRQL
EAELGAERSG LRVVRVPADL GAEAGLQQLL GALRELPRPK GLQRLLINN AGSLGDVSKG FVDLS DSTQV
NNYWALNLTS MLCLTSSVLK AFPDSPGLNR TVNLISSLCA LQPFKGWALY CAGKAARDML FQVLALEEPN
VRVLNYAPGP LDTDMQQLAR ETSVDPDMRK GLQELKAKGK LVDCKVSAQK LLSLLEKDEF KSGAHVDFYD K.