

Sepiapterin reductase (SPR) Recombinant Protein | SPR recombinant protein

Recombinant Human Sepiapterin reductase (SPR)

CATALOG #
AAA113690

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Sepiapterin reductase (SPR); Recombinant Human Sepiapterin reductase (SPR); SPR 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	1-261aa, Full Length
Sequence	MEGGLGRAVC LLTGASRGFG RTLAPLLASL LSPGSLVLVS ARNDEALRQL EAEAGAERSG LRVVRVPADL GAEAGLQQLL GALRELPRPK GLQRLLINN AGSLGDVSKG FVDLSDSTQV NNYWALNLS MLCLTSSVLK AFPDSPGLNR TVVNISSLCA LQPFKGWALY CAGKAARDML FQVLALEEPN VRVLNYAPGP LDTDMQQLAR ETSVDPDMRK GLQELKAKGK LVDCKVSAQK LLSLLEKDEF KSGAHVDFYD K
Sequence Length	261
Species	Homo sapiens (Human)
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 SPR recombinant protein	Catalyzes the final one or two reductions in tetra-hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.
Product Categories/Family for SPR recombinant protein	Signal Transduction
References	"Detection of a novel sepiapterin reductase mRNA: assay of mRNA in various cells and tissues of various species." Maier J., Schott K., Werner T., Bacher A., Ziegler I. Exp. Cell Res. 204:217-222(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507185
NCBI GeneID	6697
NCBI Accession #	NP_003115.1
NCBI GenBank Nucleotide #	NM_003124.4
UniProt Accession #	P35270 ; Q53GI9 ; Q9UBB1 ; A8K741 ; D6W5H2
Molecular Weight	32 kDa
NCBI Official Full Name	sepiapterin reductase
NCBI Official Synonym Full Names	sepiapterin reductase

NCBI Official Symbol	SPR
NCBI Official Synonym Symbols	SDR38C1
NCBI Protein Information	sepiapterin reductase
UniProt Protein Name	Sepiapterin reductase
UniProt Gene Name	SPR
UniProt Synonym Gene Names	SPR

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/spr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113690>