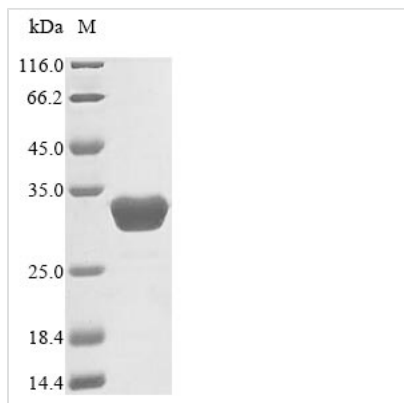




Recombinant Human Sepiapterin reductase (SPR)

Product Code	CSB-EP022605HU
Relevance	Catalyzes the final one or two reductions in tetra-hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin.
Abbreviation	Recombinant Human SPR protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P35270
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MEGGLGRAVCLLTGASRGFGRRTLAPLLASLLSPGSVLVLSARNDEALRQLEAE LGAERSGLRVVRVPADLGAEAGLQQLLGALRELPRPKGLQRLLLINNAGSLGD VSKGFVDLSDSTQVNNYWALNLTSMCLCTSSVLKAFDPSPGLNRTVVNISSLC ALQPFKGWALYCAGKAARDMLFQVLALEEPNVRVNLNYAPGPLDMDMQLARE TSVDPDMRKGLQELKAKGKLVDCVKVSAQKLLSLEKDEFKSGAHVDFYDK
Research Area	Signal Transduction
Source	E.coli
Target Names	SPR
Protein Names	Recommended name: Sepiapterin reductase Short name= SPR EC= 1.1.1.153
Expression Region	1-261aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	32.0 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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