

## Recombinant Human SPR, GST-tagged

Cat. No. SPR-2931H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SPR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-261aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	SPR sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase) [ Homo sapiens ]
<b>Official Symbol</b>	SPR
<b>Synonyms</b>	SPR; sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase); sepiapterin reductase; SDR38C1; short chain dehydrogenase/reductase family 38C; member 1; short chain dehydrogenase/reductase family 38C, member 1;

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<b>Gene ID</b>	6697
<b>mRNA Refseq</b>	NM_003124
<b>Protein Refseq</b>	NP_003115
<b>MIM</b>	182125
<b>UniProt ID</b>	P35270
<b>Chromosome Location</b>	2p14-p12
<b>Pathway</b>	Folate biosynthesis, organism-specific biosystem; Folate biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nitric oxide, organism-specific biosystem; Tetrahydrobiopte
<b>Function</b>	NADP binding; aldo-keto reductase (NADP) activity; oxidoreductase activity; sepiapterin reductase activity; sepiapterin reductase activity;

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