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SPR Protein (Myc-DYKDDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	SPR
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPR protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Sepiapterin reductase / SPR protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	SPR
Alternative Name:	Sepiapterin Reductase,spr (SPR Products)
Background:	Catalyzes the final one or two reductions in tetra-hydrobiopterin biosynthesis to form 5,6,7,8-tetrahydrobiopterin. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	27.9 kDa
NCBI Accession:	NP_003115

Target Details

Pathways:

Regulation of Systemic Arterial Blood Pressure by Hormones, Feeding Behaviour, Smooth

Muscle Cell Migration

Application Details

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Recombinant human proteins can be used for:

Native antigens for optimized antibody production

Positive controls in ELISA and other antibody assays

Comment:

The tag is located at the C-terminal.

Restrictions:

For Research Use only

Handling

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Conce	ntra	$\Delta T I C$	۱n:
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50 μg/mL

Buffer:

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage:

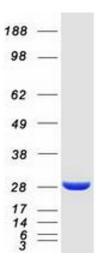
-80 °C

Storage Comment:

Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze

immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot