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Datasheet for ABIN7399223  
**SPR Protein (AA 1-261) (His tag,GST tag)**

### Overview

Quantity:	100 µg
Target:	SPR
Protein Characteristics:	AA 1-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPR protein is labelled with His tag,GST tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

### Product Details

Sequence:	Met1-Lys261
Characteristics:	Recombinant Sepiapterin Reductase (SPR), Prokaryotic expression, Met1-Lys261, N-terminal His and GST Tag
Purity:	> 90 %

### Target Details

Target:	SPR
Alternative Name:	Sepiapterin Reductase ( <a href="#">SPR Products</a> )
Background:	SDR38C1, 7,8-Dihydrobiopterin:NADP+ Oxidoreductase, Short Chain Dehydrogenase/Reductase Family 38C,Member 1

## Target Details

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Molecular Weight:	58kDa
UniProt:	<a href="#">P35270</a>
Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:8.3
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months