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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SPR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006697-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

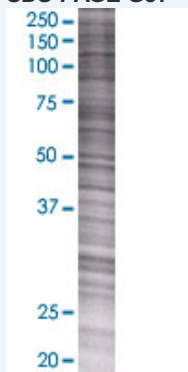
Plasmid: pCMV-SPR full-length

Host: Human

Theoretical MW (kDa): 28.82

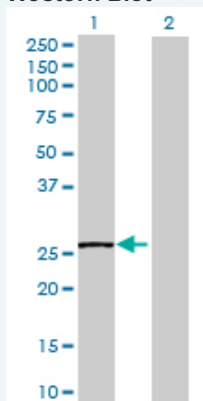
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-SPR antibody (H00006697-B01) by Western Blots.

SDS-PAGE Gel



SPR transfected lysate.

Western Blot



Lane 1: SPR transfected lysate (28.82 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [6697](#)

GeneBank Accession#: [NM_003124.3](#)

Protein Accession#: [AAH17310.1](#)

Gene Name: SPR

Gene Alias: SDR38C1

Gene Description: sepiapterin reductase (7,8-dihydrobiopterin:NADP+ oxidoreductase)

Omim ID: [182125](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an aldo-keto reductase that catalyzes the NADPH-dependent reduction of pteridine derivatives and is important in the biosynthesis of tetrahydrobiopterin (BH4). Mutations in this gene result in DOPA-responsive dystonia due to sepiapterin reductase deficiency. A pseudogene has been identified on chromosome 1. [provided by RefSeq]

Other Designations: short chain dehydrogenase/reductase family 38C, member 1

Gene Pathway

[Folate biosynthesis](#) [Metabolic pathways](#)

Related Disease

[Autistic Disorder](#) [Bipolar Disorder](#) [Dystonic Disorders](#) [Genetic Predisposition to Disease](#) [Parkinson Disease](#) [Parkinson disease](#) [Parkinsonian Disorders](#)