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## Product Datasheet

### Recombinant mouse Sepiapterin reductase/SPR protein NBS-PAT-0G9DXF-100

Article Name	Recombinant mouse Sepiapterin reductase/SPR protein
Biozol Catalog Number	NBS-PAT-0G9DXF-100
Supplier Catalog Number	PAT-0G9DXF-100
Alternative Catalog Number	NBS-PAT-0G9DXF-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Mouse
Product Description	Spr also known as Sepiapterin reductase, belongs to the Short-chain dehydrogenase/reductase (Sdr) family and also reduces various exogenous carbonyl compounds including phenylpropanedione. Spr is an essential enzyme for the biosynthesis of tetrahydro...
Concentration	1 mg/ml
Molecular Weight	30.3 kDa (285aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	<a href="#">20751</a>
UniProt	<a href="#">Q91XH5</a>
Buffer	Liquid. In 20mM Tris-HCl buffer (pH8.5) containing 1mM DTT, 10% glycerol
Purity	>95%

Sequence

MGSSHHHHH SSGLVPRGSH MGSMEAGGLG CAVCVLTGAS  
RGFGRALAPQ LARLLSPGSV MLVSARSESM LRQLKEELGA QQPDLKVVLA  
AADLGTEAGV QRLLSAVREL PRPEGLQRLI LINNAATLGD VSKGFLNVND  
LAEVNYYWAL NLTSMLCLTS GTLNAFQDSP GLSKTVVNIS SLCALQPYKG  
WGLYCAGKAA RDMLYQVLAA EEPSVRVLSY APGPLDNDMQ Q