

# Mouse SPR Recombinant Protein



RPPB2282

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## Product Information    Protein Information

**Product SKU:**

RPPB2282

**Accession:**

Q91XH5

**Host:**

Escherichia Coli.

**Protein description:**

SPR Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 285 amino acids (1-262 a.a) and having a molecular mass of 30.3kDa. SPR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colourless solution.

**Synonyms:**

SDR38C1, SPR, Dystonia, Sepiapterin reductase, mCG\_128676.

**Formulation:**

SPR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.5), 1mM DTT and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMEAGGLG CAVCVLTGAS RGFRALAPQ LARLLSPGSV MLVSARSESM  
LRQLKEELGA QQPDLKVLA AADLGTEAGV QRLLSAVREL PRPEGLQRL LINNAATLGD VSKGFLNVND  
LAEVNYYWAL NLTSMLCLTS GTLNAFQDSP GLSKTVVNIS SLCALQPYKG WGLYCAGKAA RDMLYQVLAA  
EEPSVRVLSY APGPLDNDMQ QLARETSKDP ELRSKLQKLG SDGALVDCGT SAQKLLGLLQ KDTFQSGAHV  
DFYDC.