

## SRPX2 Protein, Mouse, Recombinant (His & Myc)

### General Information

Synonyms: SrpX2; Sushi repeat-containing protein SRPX2

Protein Construction: 26-468 aa

Species: Mouse

Expression Host: Baculovirus Insect Cells

Accession: Q8R054

Molecular Weight: 54.5 kDa (predicted)

AA Sequence: WYAGSGYSPDESNEVYAEVPAARARALDYRVPRWCYTLNIQDGEATCYSRGGNYHSSLGTRCELSCDR  
GFRLIGRKSQVQLPSRRWSGTAYCRQIRCHTLPFITSGTYTCTNGMLLDSRCDYSSSGYHLEGDRSRICMEDG  
RWSGGEPVCVDIDPPKIRCPHSREKMAEPEKLTARVYWDPLVKDSADGTITRVTLRGPEPGSHFPEGEHVIR  
YTAYDRAYNRASCKFIVKQVRRCPILKPPQHGYLTCSSAGDNYGAICEYHCDGGYERQGTSPSRVCQSSRQW  
SGTTPPVCTPMKINVNVNSAAGLLDQFYEKQRLILV SAPDPSNRYYKMQISMLQQSTCGLDLRHVTIIELVGQP  
PQEVGRIREQQLSAGIIEELRQFQRLTRSYFNMVLIDKQIDRERYMEPVTPEEIFTFIDDYLLSNEELARRVEQR  
DLCE

### QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 85% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

### Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

*Actual storage temperature shall be subject to the COA.*

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

### Protein Background

## A DRUG SCREENING EXPERT

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Acts as a ligand for the urokinase plasminogen activator surface receptor. Plays a role in angiogenesis by inducing endothelial cell migration and the formation of vascular network (cords). Involved in cellular migration and adhesion. Increases the phosphorylation levels of FAK. Interacts with and increases the mitogenic activity of HGF. Promotes synapse formation. Required for ultrasonic vocalizations.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481