

## Recombinant Mouse SRPX2 Protein (26-468 aa), His-Myc-tagged

**Cat. No.** SRPX2-2759M    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Mouse SRPX2 Protein (26-468 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Neuroscience. Protein Description: Full Length of Mature Protein.

**Species**      Mouse

**Source**      Insect Cells

**ProteinLength**      26-468 aa

**Description**      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.

**Form**      Tris-based buffer,50% glycerol

**Molecular Mass**      54.5 kDa

**AA Sequence**      WYAGSGYSPDESYNEVYAEVPAARARALDYRVPRWCYTLNIQDGEATCYSPRGG  
 NYHSSLGTRCELSCDRGFRLIGRKSQCLPSRRWSGTAYCRQIRCHTLPFITSGTYT  
 CTNGMLLDSRCDYSCSSGYHLEGDRSRICMEDGRWSGGEPVCVDIDPPKIRCPHS

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REKMAEPEKLTARVYWDPPLVKDSADGTITRVTLRGPEPGSHFPEGEHVIRYAYD  
 RAYNRASCKFIVKVQVRRCPILKPPQHGYLTCSSAGDNYGAICEYHCDGGYERQGT  
 PSRVCQSSRQWSGTPPVCTPMKINVNVNSAAGLLDQFYEKQRLLIVSAPDPSNRY  
 KMQISMLQQSTCGLDLRHVTIIELVGQPPQEVGRIREQQLSAGIIEELRQFQRLTRSY  
 FNMVLIDKQGIDRERYMEPVTPEEIFTFIDDYLLSNEELARRVEQRDLCE

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

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** [Srpx2 sushi-repeat-containing protein, X-linked 2 \[ Mus musculus \]](#)

**Official Symbol** [SRPX2](#)

**Synonyms** SRPX2; sushi-repeat containing protein; SRP; SRPUL; 1110039C07Rik;

**Gene ID** [68792](#)

**mRNA Refseq** [NM\\_001083895](#)

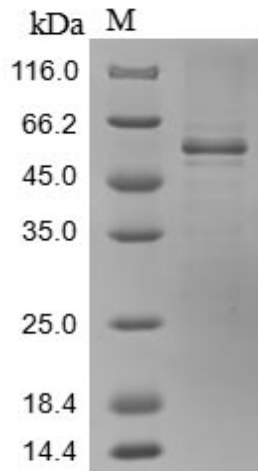
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Protein Refseq NP\_001077364

UniProt ID Q8R054



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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