

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	WYAGSGYSPDESYNEVYAEVPAARARALDYRVPRWCYTLNIQDGEATCYSRGG NYHSSLGTRCELSCDRGFRLIGRKSQCLPSRRWSGTAYCRQIRCHTLPFITSGTYT CTNGMLLDSCDYSCSSGYHLEGDRSRICMEDGRWSGGEPVCVDIDPPKIRCPHS

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REKMAEPEKLTARVYWDPLVKDSADGTITRVTLRGPEPGSHFPEGEHVIRYTAYD
 RAYNRASCKFIVKVQVRRCPILKPPQHGYLTCSSAGDNYGAICEYHCDGGYERQGT
 PSRVCQSSRQWSGTPPVCTPMKINVNVNSAAGLLDQFYEKQRLLIVSAPDPSNRY
 KMQISMLQQSTCGLDLRHVTIILVGQPPQEVGRIREQQLSAGIIEELRQFQRLTRSY
 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](#)

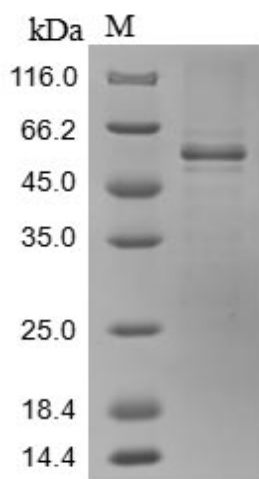
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Protein Refseq NP_001077364

UniProt ID Q8R054



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

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