

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

General Information

Synonyms: Sushi repeat-containing protein SRPX2;SrpX2

Protein Construction: 26-468 aa

Species: Mouse

Expression Host: E. coli

Accession: Q8R054

Molecular Weight: 70.5 kDa (predicted)

AA Sequence:

WYAGSGYSPDESYNEVYAEVPAARARALDYRVPRWCYTLNIQDGEATCYSRGGNYHSSLGTRCELSCDR
GFRLIGRKSQVQLPSRRWSGTAYCRQIRCHTLPFITSGTYTCTNGMLLDSRCDYSCSSGYHLEGDRSRICMEDG
RWSGGPEVCVDIDPPKIRCPHSREKMAEPEKLTARVYWDPLVKDSADGTITRVTLRGPEPGSHFPEGEHVIR
YTAYDRAYNRASCKFIVKQVRRCPILKPPQHGYLTCSSAGDNYGAICEYHCDGGYERQGTSPSRVCQSSRQW
SGTTPPVCTPMKINVNVNSAAGLLDQFYEKQRLILV SAPDPSNRYYKMQISMLQQSTCGLDLRHVTIIELVGQP
PQEVGRIREQQLSAGIIEELRQFQRLTRSYFNMVLIDKQGIDRERYMEPVTPEEIFTFIDDYLLSNEELARRVEQR
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: > 90% 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

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