# Product Datasheet

## Recombinant Human SPARC Protein
## NBP2-61362-10ug

Unit Size: 10ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.



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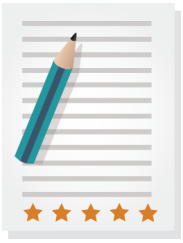
www.novusbio.com/NBP2-61362

Updated 8/13/2025 v.20.1





# NBP2-61362-10ug

Recombinant Human SPARC Protein

## Product Information

| | |
|---|---|
| **Unit Size** | 10ug |
| **Concentration** | Lyoph |
| **Storage** | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| **Preservative** | No Preservative |
| **Reconstitution Instructions** | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer to a concentration of 0.1-1.0mg/mL. |
| **Purity** | >98%, by SDS-PAGE and HPLC |
| **Buffer** | Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. |
| **Target Molecular Weight** | 32.7 kDa |

## Product Description

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|---|---|
| **Description** | A single non-glycosylated polypeptide chain containing 286 amino acids corresponding to SPARC **Source:** *E. coli*<br><br>**Uniprot ID:** *P09486*<br><br>**Amino Acid Sequence:** *APQQEALPDE TEVVEETVAE VTEVSVGANP VQVEVGEFDD GAEETEEEVV AENPCQNHHC KHGKVCELDE NNTPMCVCQD PTSCPAPIGE FEKVCSNDNK TFDSSCHFFA TKCTLEGTKK GHKLHLDYIG PCKYIPPCLD SELTEFPLRM RDWLKNVLVT LYERDEDNNL LTEKQKLRVK KIHENEKRLE AGDHPVELLA RDFEKNYNMY IFPVHWQFGQ LDQHPIDGYL SHTELAPLRA PLIPMEHCTT RFFETCDLDN DKYIALDEWA GCFGIKQKDI DKDLVI* |
| **Gene ID** | 6678 |
| **Gene Symbol** | SPARC |
| **Species** | Human |
| **Details of Functionality** | SPARC protein is fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit the cell growth of Mv1Lu mink lung epithelial cells is less than 3.0 ug/mL, corresponding to a specific activity of > 333 IU/mg. |
| **Endotoxin Note** | Less than 0.1 EU/ug of SPARC as determined by LAL method. |

## Product Application Details

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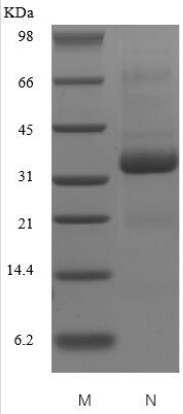
|---|---|
| **Applications** | Bioactivity |
| **Recommended Dilutions** | Bioactivity |

## Images

SDS-Page: Recombinant Human SPARC Protein [NBP2-61362]



**Novus Biologicals USA**
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

**Bio-Techne Canada**
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

**Bio-Techne Ltd**
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

**General Contact Information**
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

## Products Related to NBP2-61362-10ug

| | |
|---|---|
| NBP2-35270-10ug | Recombinant Human SPARC His Protein |
| DVE00 | VEGF [HRP] |
| AF942 | SPARC Antibody [Unconjugated] |
| 233-FB-025 | FGF basic/FGF2/bFGF [Unconjugated] |

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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