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Rat Secreted Protein Acidic and Rich in Cysteine (SPARC)/Osteonectin, Recombinant

Product Information

Code	00766-03-100
Name	Rat SPARC
Lot No.	
Size	100 µg
Species	Rat
Sequence	Mature form
Protein ID	P16975
Gene ID	24791
MW	50 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel Tris buffer lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-20 ° C ~ -70° C
Reconstitution	TBS, 500 µl
Application	ELISA

Description

A DNA sequence encoding the mature form of Rat SPARC (Ala¹⁸-Ile³⁰¹) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg of Rat SPARC in 100 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

Reconstitution & Storage

Add 500 µl TBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Mature form Rat SPARC (Ala¹⁸-Ile³⁰¹)

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18APQ TEAAEEMVAE ETVVEETGLP VGANPVQVEM
GEFEEGAEET VEEVVAENPC QNHCKHGKV CELDESNTPM
CVCQDPTSCP APIGEFEKVC SNDNKTFDSS CHFFATKCTL
EGTKKGHKLH LDYIGPCKYI APCLDSELTE FPLRMRDWLK
NVLVTLYERD EGNLLTEKQ KLRVKKIHEN EKRLEAGDHP
VELLARDFEK NYNMYIFPVH WQFGQLDQHP IDGYLSHTEL
APLRAPLIPM EHCTTRFFET CDLDNDKYIA LEEWAGCFGI
KEQDINKDLV I 301
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