

Product Datasheet

Recombinant Human SPARC His Protein NBP2-35270-10ug

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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NBP2-35270-10ug

Recombinant Human SPARC His 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 containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	36.1 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 314 amino acids corresponding to SPAR, with expression vector sequence containing 6x His tag Source: <i>E. coli</i></p> <p>Uniprot ID: <i>P09486</i></p> <p>Amino Acid Sequence: <i>MSYYHHHHHH DYDIPTTENL YFQGAMGSAP QQEALPDETE VVEETVAEVT EVSVGANPVQ VEVGEFDDGA EETEEEVVAE NPCQNHCKH GKVCELDENN TPMCVCQDPT SCPAPIGEFE KVCSNDNKTF DSSCHFFATK CTLEGTKKGGH KLHLDYIGPC KYIPPCLDSE LTEFPLRMRD WLKNVLVTLY ERDEDNLLT EKQKLRVKKI HENEKRLEAG DHPVELLARD FEKNYNMYIF PVHWQFGQLD QHPIDGYLSH TELAPLRAPL IPMEHCTTRF FETCDLDNDK YIALDEWAGC FGIKQKIDDK DLVI</i></p>
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 1 EU/ug of SPARC as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Publications

Carriere P, Calvo N, Novoa MB et al. Role of SPARC in the epithelial mesenchymal transition induced by PTHrP in human colon cancer cells Molecular and cellular endocrinology 2021-03-26 [PMID: 33781836]





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Products Related to NBP2-35270-10ug

NBP2-61362-10ug	Recombinant Human SPARC 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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