

Sperm surface protein Sp17 (SPA17) Recombinant Protein | SP17 recombinant protein

Recombinant Human Sperm surface protein Sp17 (SPA17), partial

CATALOG # AAA113933	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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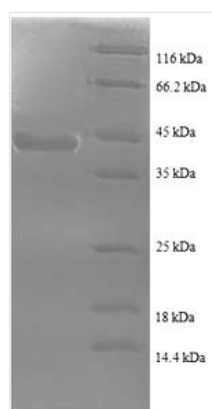
PRODUCT SYNONYMS

Sperm surface protein Sp17 (SPA17); Recombinant Human Sperm surface protein Sp17 (SPA17); partial; Cancer/testis antigen 22; CT22; Sp17-1; Sperm autoantigenic protein 17; Sperm protein 17; SP17 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-146aa; Partial
Sequence	MSIPFSNTHY RIPQGFGNLL EGLTREILRE QPDNIPAFAA AYFESLLEKR EKTNFDPAEW GSKVEDRFYN NHAFEEQEPP EKSDPKQEEES QISGKEEETS VTILDSSEED KEKEEVAAVK IQAAFRGHIA REEAKMKMTN SLQNEE
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SP17 recombinant protein	Sperm surface zona pellucida binding protein. Helps to bind spermatozoa to the zona pellucida with high affinity. Might function in binding zona pellucida and carbohydrates.
Product Categories/Family for SP17 recombinant protein	Cancer

References

Cloning and sequencing of cDNAs encoding the human sperm protein, Sp17.Lea I.A., Richardson R.T., Widgren E.E., O'Rand M.G.Biochim. Biophys. Acta 1307:263-266(1996) Genomic organization of an intron-containing sperm protein 17 gene (Sp17-1) and an intronless pseudogene (Sp17-2) in humans a new model.Buchli R., De Jong A., Robbins D.L.Biochim. Biophys. Acta 1578:29-42(2002) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394343
NCBI GeneID	53340
NCBI Accession #	NP_059121.1
NCBI GenBank Nucleotide #	NM_017425.3
UniProt Accession #	Q15506; Q9BXF7; B2R4F2
Molecular Weight	43.8 kDa
NCBI Official Full Name	sperm surface protein Sp17
NCBI Official Synonym Full Names	sperm autoantigenic protein 17
NCBI Official Symbol	SPA17
NCBI Official Synonym Symbols	CT22; SP17; SP17-1
NCBI Protein Information	sperm surface protein Sp17
UniProt Protein Name	Sperm surface protein Sp17
UniProt Gene Name	SPA17
UniProt Synonym Gene Names	SP17; CT22; Sperm protein 17
UniProt Entry Name	SP17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.