PC4 and SFRS1-interacting Recombinant Protein | PSIP1 recombinant protein

Recombinant Human PC4 and SFRS1-interacting protein

CATALOG #	HOST
AAA18602	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

PC4 and SFRS1-interacting; Recombinant Human PC4 and SFRS1-interacting protein; CLL-associated antigen KW-7; Dense fine speckles 70 kDa protein; DFS 70Lens epithelium-derived growth factor; Transcriptional coactivator p75/p52; PSIP1 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	1-530aa; Full Length Protein
Sequence	MTRDFKPGDL IFAKMKGYPH WPARVDEVPD GAVKPPTNKL PIFFFGTHET AFLGPKDIFP YSENKEKYGK PNKRKGFNEG LWEIDNNPKV KFSSQQAATK QSNASSDVEV EEKETSVSKE DTDHEEKASN EDVTKAVDIT TPKAARRGRK RKAEKQVETE EAGVVTTATA SVNLKVSPKR GRPAATEVKI PKPRGRPKMV KQPCPSESDI ITEEDKSKKK GQEEKQPKKQ PKKDEEGQKE EDKPRKEPDK KEGKKEVESK RKNLAKTGVT STSDSEEEGD DQEGEKKRKG GRNFQTAHRR NMLKGQHEKE AADRKRKQEE QMETEQQNKD EGKKPEVKKV EKKRETSMDS RLQRIHAEIK NSLKIDNLDV NRCIEALDEL ASLQVTMQQA QKHTEMITTL KKIRRFKVSQ VIMEKSTMLY NKFKNMFLVG EGDSVITQVL NKSLAEQRQH EEANKTKDQG KKGPNKKLEK EQTGSKTLNG GSDAQDGNQP QHNGESNEDS KDNHEASTKK KPSSEERETE ISLKDSTLDN
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES

SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PSIP1 recombinant protein	Transcriptional coactivator involved in neuroepithelial st cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration.
Product Categories/Family for PSIP1 recombinant protein	Immunology

References	Isolation of cDNAs encoding novel transcription coactivators p52 and p75 reveals an alternate regulatory mechanism of transcriptional activation.Ge H., Si Y., Roeder R.G.EMBO J. 17:6723-6729(1998) Lens epithelium-derived growth factor effects on growth and survival of lens epithelial cells, keratinocytes, and fibroblasts.Singh D.P., Ohguro N., Kikuchi T., Sueno T., Reddy V.N., Yuge K., Chylack L.T. Jr., Shinohara T.Biochem. Biophys. Res. Commun. 267:373-381(2000) Lens epithelium-derived growth factor (LEDGF/p75) and p52 are derived from a single gene by alternative splicing.Singh D.P., Kimura A., Chylack L.T. Jr., Shinohara T.Gene 242:265-273(2000) Identification of tumor-associated antigens in chronic lymphocytic leukemia by SEREX.Krackhardt A.M., Witzens M., Harig S., Hodi F.S., Zauls A.J., Chessia M., Barrett P., Gribben J.G.Blood 100:2123-2131(2002) DNA sequence and analysis of human chromosome 9.Humphray S.J., Oliver K., Hunt A.R., Plumb R.W., Loveland J.E., Howe K.L., Andrews T.D., Searle S., Hunt S.E., Scott C.E., Jones M.C., Ainscough R., Almeida J.P., Ambrose K.D., Ashwell R.I.S., Babbage A.K., Babbage S., Bagguley C.L., Bailey J., Banerjee R., Barker D.J., Barlow K.F., Bates K., Beasley H., Beasley O., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burford D., Burrill W., Burton J., Carder C., Carter N.P., Chapman J.C., Chen Y., Clarke G., Clark S.Y., Clee C.M., Clegg S., Collier R.E., Corby N., Crosier M., Cummings A.T., Davies J., Dhami P., Dunn M., Dutta I., Dyer L.W., Earthrowl M.E., Faulkner L., Fleming C.J., Frankish A., Frankland J.A., French L., Fricker D.G., Garner P., Garnett J., Ghori J., Gilbert J.G.R., Glison C., Grafham D.V., Gribble S., Griffiths C., Griffiths-Jones S., Grocock R., Guy J., Hall R.E., Hammond S., Harley J.L., Harrison E.S.I., Hart E.A., Heath P.D., Henderson C.D., Hopkins B.L., Howard P.J., Howden P.J., Huckle E., Johnson C., Johnson D., Joy A.A., Kay M., Keenan S., Kershaw J.K., Kimberley A.M., King A., Knights A., Laird G.K., Langford C., Lawlor S., Leongamornlert D.A., Leversha M., Lloyd C., Lloyd D.M., Lovell J., Martin S., Mashreghi-Mohammadi M., Matthews L., McLaren S., McLay K.E., McMurray A., Milne S., Nickerson T., Nisbett J., Nordsiek G., Pearce A.V., Peck A.I., Porter K.M., Pandian R., Pelan S., Phillimore B., Povey S., Ramsey Y., Rand V., Scharfe M., Sehra H.K., Shownkeen R., Sims S.K., Skuce C.D., Smith M., Steward C.A., Swarbreck D., Sycamore N., Tester J., Thorpe A., Tracey A., Tromans A., Thomas D.W., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Williams S.A., Wilming L., Wray P.W., Young L., Ashurst J.L., Coulson A., Blocker H., Durbin R.M., Sulston J.E., Hubbard T., Jackson M.J., Bentley D.R., Beck S., Rogers J., Dunham I.Nature 429:369-374(2004)

NCBI AND UNIPROT INFORMATION

Molecular Weight	76.1 kDa

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.

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