

Phosphatidylserine decarboxylase proenzyme Recombinant Protein | PISD recombinant protein

Recombinant Human Phosphatidylserine decarboxylase proenzyme

CATALOG # AAA116489	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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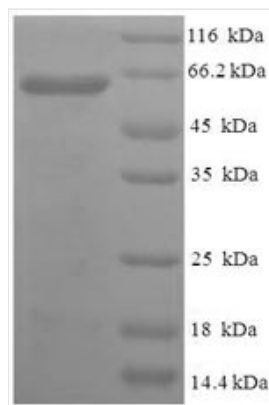
PRODUCT SYNONYMS

Phosphatidylserine decarboxylase proenzyme; Recombinant Human Phosphatidylserine decarboxylase proenzyme; PISD 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	1-375aa; Full Length of Isoform 2
Sequence	MMCQSEARQG PELRAAKWLH FPQLALRRRL GQLSCMSRPA LKLRSWPLTV LYYLLPFGAL RPLSRVGWRP VSRVALYKSV PTRLLSRAWG RLNQVELPHW LRRPVYSLYI WTFGVNMKEA AVEDLHHYRN LSEFFRRKLK PQARPVCG LH SVISPSDGRI LNFGQVKNCE VEQVKGVTYS LESFLGPRMC TEDLPFPAA SCDSFKNQLV TREGNELYHC VIYLAPGDYH CFHSPTDWT SHRRHFPGSL MSVNPGMARW IKELFCHNER VVLTGDWKHG FFSLTAVGAT NVGSIRIYFD RDLHTNSPRH SKGSYNDFSF VTHTNREGVP MRKGEHLGEF NLGSTIVLIF EAPKDFNFQL KTGQKIRFGE ALGSL
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

Product Categories/Family for PISD recombinant protein	Metabolism
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References

A genome annotation-driven approach to cloning the human ORFeome.Collins J.E., Wright C.L., Edwards C.A., Davis M.P., Grinham J.A., Cole C.G., Goward M.E., Aguado B., Mallya M., Mokrab Y., Huckle E.J., Beare D.M., Dunham I.Genome Biol. 5:R84.1-R84.11(2004) The full-ORF clone resource of the German cDNA consortium.Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I.BMC Genomics 8:399-399(2007) The DNA sequence of human chromosome 22.Dunham I., Hunt A.R., Collins J.E., Bruskiewich R., Beare D.M., Clamp M., Smink L.J., Ainscough R., Almeida J.P., Babbage A.K., Bagguley C., Bailey J., Barlow K.F., Bates K.N., Beasley O.P., Bird C.P., Blakey S.E., Bridgeman A.M., Buck D., Burgess J., Burrill W.D., Burton J., Carder C., Carter N.P., Chen Y., Clark G., Clegg S.M., Cobley V.E., Cole C.G., Collier R.E., Connor R., Conroy D., Corby N.R., Coville G.J., Cox A.V., Davis J., Dawson E., Dhami P.D., Dockree C., Dodsworth S.J., Durbin R.M., Ellington A.G., Evans K.L., Fey J.M., Fleming K., French L., Garner A.A., Gilbert J.G.R., Goward M.E., Grafham D.V., Griffiths M.N.D., Hall C., Hall R.E., Hall-Tamlyn G., Heathcott R.W., Ho S., Holmes S., Hunt S.E., Jones M.C., Kershaw J., Kimberley A.M., King A., Laird G.K., Langford C.F., Leversha M.A., Lloyd C., Lloyd D.M., Martyn I.D., Mashreghi-Mohammadi M., Matthews L.H., Mccann O.T., Mcclay J., McLaren S., McMurray A.A., Milne S.A., Mortimore B.J., Odell C.N., Pavitt R., Pearce A.V., Pearson D., Phillimore B.J.C.T., Phillips S.H., Plumb R.W., Ramsay H., Ramsey Y., Rogers L., Ross M.T., Scott C.E., Sehra H.K., Skuce C.D., Smalley S., Smith M.L., Soderlund C., Spragon L., Steward C.A., Sulston J.E., Swann R.M., Vaudin M., Wall M., Wallis J.M., Whiteley M.N., Willey D.L., Williams L., Williams S.A., Williamson H., Wilmer T.E., Wilming L., Wright C.L., Hubbard T., Bentley D.R., Beck S., Rogers J., Shimizu N., Minoshima S., Kawasaki K., Sasaki T., Asakawa S., Kudoh J., Shintani A., Shibuya K., Yoshizaki Y., Aoki N., Mitsuyama S., Roe B.A., Chen F., Chu L., Crabtree J., Deschamps S., Do A., Do T., Dorman A., Fang F., Fu Y., Hu P., Hua A., Kenton S., Lai H., Lao H.I., Lewis J., Lewis S., Lin S.-P., Loh P., Malaj E., Nguyen T., Pan H., Phan S., Qi S., Qian Y., Ray L., Ren Q., Shaull S., Sloan D., Song L., Wang Q., Wang Y., Wang Z., White J., Willingham D., Wu H., Yao Z., Zhan M., Zhang G., Chissoe S., Murray J., Miller N., Minx P., Fulton R., Johnson D., Bemis G., Bentley D., Bradshaw H., Bourne S., Cordes M., Du Z., Fulton L., Goela D., Graves T., Hawkins J., Hinds K., Kemp K., Latreille P., Layman D., Ozersky P., Rohlfling T., Scheet P., Walker C., Wamsley A., Wohldmann P., Pepin K., Nelson J., Korf I., Bedell J.A., Hillier L.W., Mardis E., Waterston R., Wilson R., Emanuel B.S., Shaikh T., Kurahashi H., Saitta S., Budarf M.L., McDermid H.E., Johnson A., Wong A.C.C., Morrow B.E., Edelmann L., Kim U.J., Shizuya H., Simon M.I., Dumanski J.P., Peyrard M., Kedra D., Seroussi E., Fransson I., Tapia I., Bruder C.E., O'Brien K.P., Wilkinson P., Bodenteich A., Hartman K., Hu X., Khan A.S., Lane L., Tilahun Y., Wright H.Nature 402:489-495(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489112
NCBI GeneID	23761
NCBI Accession #	NP_055153.1
NCBI GenBank Nucleotide #	NM_014338.3
UniProt Accession #	Q9UG56; O43207; O95535; Q6IC28; Q96GQ2; Q9UGA9; B1AKM7
Molecular Weight	59 kDa
NCBI Official Full Name	phosphatidylserine decarboxylase proenzyme
NCBI Official Synonym Full Names	phosphatidylserine decarboxylase
NCBI Official Symbol	PISD
NCBI Official Synonym Symbols	PSD; PSDC; PSSC; DJ858B16; dJ858B16.2
NCBI Protein Information	phosphatidylserine decarboxylase proenzyme
UniProt Protein Name	Phosphatidylserine decarboxylase proenzyme, mitochondrial
UniProt Gene Name	PISD
UniProt Entry Name	PISD_HUMAN

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