

Recombinant human 6-phosphogluconate dehydrogenase, decarboxylating protein



Catalog Number: CSB-RP011554h

Product Name:	Recombinant human 6-phosphogluconate dehydrogenase, decarboxylating protein
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Relevance :	Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO ₂ , with concomitant reduction of NADP to NADPH.
Mol. Weight:	80kd
Product Info :	GST-tagged
Source:	E.coli derived
Image:	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl,0.4M Arg,pH 8.0,50% glycerol, 50% glycerol
Storage :	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
AA sequence:	ADIALIGLAVMGQNLILNMNDHGFVVCANRTVSKVDDFLANEAKGTKVVGQAQSLKEMVSKLKKPRRIILLVKAGQAVDDFIEKLVPLLDTGDIIDGGNSEYRDTRRCRDLKAKGILFVGS GVSGGEEGARYGPSLMPGGNKEAWPHIKTIFQGIAAKVGTGEPCCDWVGDEGAGHFVK MVHNGIEYGDMQLICEAYHLMKDVLGMAQDEMAQAFEDWNKTELDSFLIEITANILKFQDT DGKHLLPKIRDSAGQKGTGKWTASALEYGVVPTLIGEAVFARCLSSLKDERIQASKKLG PQKFQFDGDKKSFLEDIRKALYASKIISYAQGFMLLRQAATEFGWTLNYGGIALMWRGGCI IRSVFLGKIKDAFDRNPELQNLDDFFKSAVENCQDSWRRRAVSTGVQAGIPMPCFTTALS FYDGYRHEMLPASLIQAQRDYFGAHTYELLAKPGQFIHTNWTGHGGTVSSSSYNA
References:	"Identification of a cDNA encoding 6-phosphogluconate dehydrogenase from a human heart cDNA library." Tsui S.K.W., Chan J.Y., Waye M.M.Y., Fung K.-P., Lee C.-Y. Biochem. Genet. 34:367-373(1996)