

Product Datasheet

Recombinant E. coli Glucose 6 Phosphate Dehydrogenase Protein NBC1-19064

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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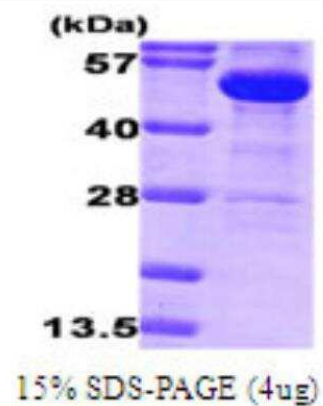
NBC1-19064**Recombinant E. coli Glucose 6 Phosphate Dehydrogenase Protein**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol, 0.1 mM PMSF, 2 mM EDTA, 0.5 mM DTT
Target Molecular Weight	55.7 kDa
Product Description	
Description	An un-tagged recombinant protein corresponding to the amino acids 1-491 of E.coli Glucose 6 Phosphate Dehydrogenase Source: <i>E.coli</i> Amino Acid Sequence: MAVTQTAQAC DLVIFGAKGD LARRKLLPSL YQLEKAGQLN PDTRIIGVGR ADWDKAAAYTK VVREALETFM KETIDEGWLWD TLSARLDFCN LDVNDTAAFS RLGAMLDQKN RITINYFAMP PSTFGAICKG LGEAKLNAKP ARVVMKPLG TSLATSQEIIN DQVGEYFEEC QVYRIDHYLG KETVLNLLAL RFANSLFVNN WDNRTIDHVE ITVAEEVGIE GRWGYFDKAG QMRDMIQNHL LQILCMIAMS PPSDLSADSI RDEKVKVLKS LRRIDRSNVR EKTVRGQYTA GFAQGKKVPG YLEEEGANKS SNTETFVAIR VDIDNWRWAG VPFYLRGTGKR LPTKCSEVVV YFKTPELNLF KESWQDLPQN KLTIRLQPDE GVDIQVLNKV PGLDHKHNLQ ITKLDLSYSE TFNQTHLADA YERLLLETMR GIQALFVRRD EVEEAWKWVD SITEAWAMDN DAPKPYQAGT WGPVASVAMI TRDGRSWNEF E
Gene ID	2539
Gene Symbol	G6PD
Species	E. coli
Details of Functionality	Specific activity is > 50 units/mg obtained by measuring the increase of beta-NADPH in absorbance at 340 nm resulting from the reduction of beta-NADP. One unit oxidizes 1.0 umole D-glucose-6-phosphate to 6-phospho-D-gluconate per min in the presence of beta-NADP at pH 7.4 at 25C.
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



Images

Western Blot: Glucose 6 Phosphate Dehydrogenase Protein [NBC1-19064] - 55.7kDa (491 aa) on SDS - PAGE





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Products Related to NBC1-19064

NBP1-89804PEP	Glucose 6 Phosphate Dehydrogenase Recombinant Protein Antigen
NB300-221	GAPDH Antibody (1D4)
NB100-236	Glucose 6 Phosphate Dehydrogenase Antibody
NB400-114	Fatty Acid Synthase/FASN Antibody

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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