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Product Datasheet

Recombinant human G6PD protein NBS-PAT-6LUWMT-100

Article Name	Recombinant human G6PD protein
Biozol Catalog Number	NBS-PAT-6LUWMT-100
Supplier Catalog Number	PAT-6LUWMT-100
Alternative Catalog Number	NBS-PAT-6LUWMT-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP, FA
Species Reactivity	Human
Product Description	Glucose-6-phosphate dehydrogenase (G6PD) is the rate-limiting enzyme of the pentose phosphate pathway, a metabolic pathway that supplies reducing energy to cells by maintaining the level of NADPH. G6PD converts glucose-6-phosphate into 6-phosphogluco...
Concentration	0.5 mg/ml
Molecular Weight	61.4 kDa (535aa)
Tag	HIS Tag
NCBI	2539
UniProt	P11413
Buffer	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1mM PMSF, 2mM EDTA, 2mM DTT, 200mM NaCl
Purity	>95%

Sequence

MAEQVALSRT QVCGILREEL FQGDAFHQSD THIFIIMGAS GDLAKKKIYP
TIWWLFRDGL LPENTFIVGY ARSRLTVADI RKQSEPFFKA TPEEKLKLED
FFARNSYVAG QYDDAASYQR LNSHMNALHL GSQANRLFYL ALPPTVYEAV
TKNIHESCMS QIGWNRIIVE KPFGRDLQSS DRLSNHISL FREDQIYRID
HYLGKEMVQN LMVLRFANRI FGPIWNRDNI A