

Product datasheet for **AR09586PU-N**

NFNB (1-217, His-tag) Escherichia coli Protein

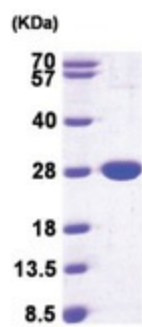
Product data:

Product Type:	Recombinant Proteins
Description:	NFNB (1-217, His-tag) e. coli recombinant protein, 0.1 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MDIISVALKR HSTKAFDASK KLTPEQAEQI KTLQYSPSS TNSQPWHFIV ASTEEGKARV AKSAAGNYVF NERKMLDASH VVVFCAKTAM DDVWLKLVVD QEDADGRFAT PEAKAANDKG RKFFADMHRK DLHDDAEWMA KQVYLVGNF LLGVAALGLD AVPIEGFDAA ILDAEFLKE KGYTSLVWP VGHHSVEDFN ATLPKSRLPQ NITLTEV
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 50 mM NaCl, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant E.coli NFNB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	NFNB, also known as NFSB, shows the ability to reduce quinines. This protein is an enzyme for activating prodrugs in antibody directed enzyme prodrug therapy. It also capable of reducing nitrofurazone, quinones and the anti-tumor agent CB1954 (5-(aziridin-1-yl)-2,4-dinitrobenzamide). The reduction of CB1954 results in the generation of cytotoxic species.



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Product images:



15% SDS-PAGE (3ug)