

Dihydropteridine Reductase E.Coli Recombinant

Item Number	rAP-1783
Synonyms	DPRA, NFSB, NFSI, NTR.
Description	NFNB Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (1-217 a.a.) and having a molecular mass of 26 kDa. The NFNB is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MDIISVALKR HSTKAFDASK KLTPEQAEQI KTLQYSPSS TNSQPWH-FIV ASTEEGKARV AKSAAGNYVF NERKMLDASH VVVFCAKTAM DDVWLKLVVD QEDADGRFAT PEAKAANDKG RKFFADMHRK DLHDDAEWMA KQVYLVGNF LLGVAALGLD AVPIEGFDAA ILDAEFGLE KGYTSLVVVP VGHHSVEDFN ATLPSRLPQ NITLLEV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	1mg/ml solution containing 20mM Tris pH-8, 1mM DTT, 0.05M NaCl & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**