

## 32-2605: NFNB Recombinant Protein

**Alternative Name :** DPRA,NFSB,NFSI,NTR.

### Description

Source : Escherichia Coli. 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 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. NFNB demonstrates the capability to reduce quinines. NFNB enzyme activates prodrugs in antibody directed enzyme prodrug therapy. NFNB reduces nitrofurazone, quinones and anti-tumor agent CB1954 (5-(aziridin-1-yl)-2,4-dinitrobenzamide). The reduction of CB1954 results in the generation of cytotoxic species.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	1mg/ml solution containing 20mM Tris pH-8, 1mM DTT, 0.05M NaCl & 10% glycerol.
<b>Storage condition :</b>	NFNB Human although stable at 4C for 1 week, should be stored desiccated below -18C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MDIISVALKR HSTKAFDASK KLTPEQAEQI KTLQYSPSS TNSQPWHFIV ASTEKGKARV AKSAAGNYVF NERKMLDASH VVVFCAKTAM DDVWLKLVVD QEDADGRFAT PEAKAANDKG RKFFADMHRK DLHDDAEWMA KQVYLNVGNF LLGVAALGLD AVPIEGFDAA ILDAEFGLE KGYTSLVVVP VGHHSVEDFN ATLPKSRPQ NITLTEV.

