



Recombinant Escherichia coli Oxygen-insensitive NADPH nitroreductase (nfsA)

Product Code	CSB-EP323751ENV
Relevance	Reduction of nitroaromatic compounds using NADH. Reduces nitrofurazone by a ping-pong bi-bi mechanism possibly to generate a two-electron transfer product. Major component of the oxygen-insensitive nitroreductase activity in E.coli.
Abbreviation	Recombinant E.coli nfsA protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P17117
Alias	Modulator of drug activity A
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MTPTIELICGHR SIRHFTDEPISEAQREAIINSARATSSSSFLQCSSIIRITDKALR EELVTLTGGQKHVAQAAEFWVFCADFNRHLQICPDAQGLGLAEQLLLGVVDTA MMAQNALIAAESLGLGGVYIGGLRNNIEAVTKLLKLPQHVLPLFGLCLGWPADN PDLKPRLPASILVHENSYQPLDKGALAQYDEQLAEYYLTRGSNNRRDTSWDHI RRTIIKESRPFILDY LHKQGWATR
Research Area	Others
Source	E.coli
Target Names	nfsA
Expression Region	1-240aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	42.8kDa
Protein Length	Full Length
Image	

