

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

NFE2L2(D77V) PROTEIN

NFE2L2(D77V) Mutant

货号: 10446

产品名称: NFE2L2 Protein D77V mutant

基因符号: Nuclear factor (erythroid-derived 2)-like 2, Nrf2

Source: Human, recombinant full length, His6-tag

Expression 种属反应性: E. coli Molecular Weight: 26 kDa 纯化:: >99% by SDS-PAGE

Introduction: NFE2L2 protein is encoded by NFE2L2 gene. It is a basic leucine zipper protein that regulates the expression of antioxidant proteins that protect against oxidative damage triggered by injury and inflammation. Several drugs that stimulate the NFE2L2 pathway are being studied for treatment of diseases that are caused by oxidative stress.

Amino Acid Sequence (1-170)

MMDLELPPPGLPSQQDMDLIDILWRQDIDLGVSREVFD FSQRRKEYELEKQKKLEKERQEQLQKEQEKAFFAQLQL VEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDAL YFDDCMQLLAQTFPFVDDNEVSSATFQSLVPDIPGHIE SPVFIATNQAQSPETSVA

Properties

Physical Appearance (form): Dissolved in 20mM Tris-HCl, pH8.0, 150mM

NaCl.

Physical Appearance (form): White or clear

浓度: 1 mg/mL **Storage:** -80°C

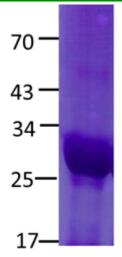
Preparation Instructions:

Adding of 10 mM β-mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β-D-maltoside (DoDM) or polyethylene detergents (e.g. C12E10) also help to stabilize the protein. Avoid repeated freezing and thawing. The purity of His-tagged NFE2L2 D77V was determined by SDS-PAGE and Coomassie Brilliant Blue Staining.



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References:

1. Moi P et al., Proc. Natl. Acad. Sci. U.S.A. 91 (21): 9926-30.

2. Gold R et al., N. Engl. J. Med. 367 (12): 1098-107.