

NME7 抗原（重组蛋白）

中文名称： NME7 抗原（重组蛋白）

英文名称： NME7 Antigen (Recombinant Protein)

别名： NDK7; NDK 7; MN23H7; nm23-H7

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 200 amino acids of human NME7

技术规格

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|---------------------------|---|
| Full name: | NME/NM23 family member 7 |
| Synonyms: | NDK7; NDK 7; MN23H7; nm23-H7 |
| Swissprot: | Q9Y5B8 |
| Gene Accession: | BC006983 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | nm23-H7, also known as NME7 (non-metastatic cells 7), is a 376 amino acid protein that contains one DM10 domain and belongs to the NDK family. Using magnesium as a cofactor, nm23-H7 functions to catalyze the ATP-dependent creation of nucleoside triphosphates, thereby playing an essential role in metabolic pathways throughout the body. The gene encoding nm23-H7 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved i |

n familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.