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

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 in 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 m ultiple myeloma.