

Recombinant Human NME5 Protein, GST-tagged

Cat. No. NME5-5932H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human NME5 full-length ORF (AAH26182, 1 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	NME5 (NME/NM23 Family Member 5) is a Protein Coding gene. Diseases associated with NME5 include Muscular Dystrophy, Rigid Spine, 1. Among its related pathways are superpathway of pyrimidine deoxyribonucleotides de novo biosynthesis and purine nucleotides de novo biosynthesis. GO annotations related to this gene include nucleoside diphosphate kinase activity. An important paralog of this gene is NME7.
Molecular Mass	49.06 kDa
AA Sequence	MEISMPPPQIYVEKTLAIKPDIVDKKEEIQDIILRSGFTIVQRRKLRLSPEQCSNFYVEK YGKMFPPNLTAYMSSGPLVAMILARHKAISYWLELLGPNNSLVAKETHPDSLRAIYGT DDLRLNALHGSNDFAAAEREIRFMFPEVIVEPIPIGRAAKDYLNHIMPTLLEGLTELCK QKPADPLIWLADWLLKNNPNKPKLCHHPIVEEPEY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	NME5 non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase) [Homo sapiens]
Official Symbol	NME5
Synonyms	NME5; non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase); nucleoside diphosphate kinase homolog 5; nm23 H5; radial spoke 23 homolog (Chlamydomonas); RSPH23; NDK-H 5; IPIA-beta; NDP kinase homolog 5; radial spoke 23 homolog; testis-specific nm23 homolog; inhibitor of p53-induced apoptosis-beta; NM23H5; NM23-H5;
Gene ID	8382
mRNA Refseq	NM_003551
Protein Refseq	NP_003542
MIM	603575
UniProt ID	P56597

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Quality Control

Testing:

12.5% SDS-PAGE Stained with Coomassie Blue.

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