

Recombinant Human GAGE1

Cat. No. GAGE1-26549TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GAGE1 (amino acids 1-138) with N terminal proprietary tag, 41.36kDa.
Species	Human
Source	Wheat Germ
ProteinLength	138 amino acids
Description	This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide YRPRPRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. Nothing is presently known about the function of this protein. Alternative splicing results in multiple transcript variants.
Molecular Weight	41.360kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MSWRGRSTYYWPRPRRYVQPPMIGPMRPEQFSDEVEPAT PEEGEPATQRQDPA
AAQEGEDEGASAGQGPKPEADSSEQG HPQTGCECEDGPDGQEMDPPNPPEEVKT
PEEEMRSHYVAQT GILWLLMNNCFLNLSPRKP

GENE INFORMATION

Gene Name [GAGE1 G antigen 1 \[Homo sapiens \]](#)

Official Symbol [GAGE1](#)

Synonyms GAGE1; G antigen 1; cancer/testis antigen family 4; member 1; CT4.1;

Gene ID [2543](#)

mRNA Refseq [NM_001040663](#)

Protein Refseq [NP_001035753](#)

MIM [300594](#)

Uniprot ID [Q13065](#)

Chromosome Location Xp11.23

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