Recombinant Human GAGE1 Protein, GST-tagged

Cat. No. GAGE1-4663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GAGE1 full-length ORF (NP_001459.2, 1 a.a. - 139 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 GAGE1 cDNA contains a 143-bp insertion, located in the coding sequence near the termination codon, that is absent from the other cDNAs.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. An alternatively spliced transcript variant has been found for this gene. [provided by RefSeq
Molecular Mass	42 kDa
AA Sequence	MSWRGRSTYYWPRPRRYVQPPEMIGPMRPEQFSDEVEPATPEEGEPATQRQDPA AAQEGEDEGASAGQGPKPEADSQEQGHPQTGCECEDGPDGQEMDPPNPEEVKT PEEEMRSHYVAQTGILWLLMNNCFLNLSPRKP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

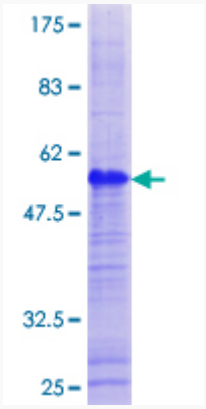
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
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	GAGE1 G antigen 1 [Homo sapiens]
Official Symbol	GAGE1
Synonyms	CT4.1; GAGE-1; GAGE1; G antigen 1; G Antigen 1; Cancer/Testis Antigen Family 4, Member 1; Cancer/Testis Antigen 4.1; CT4.1; MZ2-F Antigen; Antigen MZ2-F
Gene ID	2543
mRNA Refseq	NM_001468
Protein Refseq	NP_001459
MIM	300594
UniProt ID	Q13065

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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