

Recombinant Full Length Human GAGE1 Protein

Cat. No. GAGE1-189HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	41.360kDa inclusive of tags
AA Sequence	MSWRGRSTYYWPRPRRYVQPPEMIGPMRPEQFSDEVEPAT PEEGEPATQRQDPA AAQEGEDEGASAGQGPKPEADSQEQQ HPQTGCECEDGPDGQEMDPPNPPEEVKT PEEEMRSHYVAQT GILWLLMNNCFLNLSPRKP
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	GAGE1 G antigen 1 [Homo sapiens]
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Official Symbol	GAGE1
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Synonyms	GAGE1; G antigen 1; cancer/testis antigen family 4; member 1; CT4.1
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Gene ID	2543
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mRNA Refseq	NM_001040663
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Protein Refseq	NP_001035753
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MIM	300594
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UniProt ID	Q13065
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