

Recombinant Human GAGE5, GST-tagged

Cat. No. GAGE5-13117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAGE5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-117a.a.
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 YYWPRPRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GAGE5 G antigen 5 [Homo sapiens]
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 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

Official Symbol	GAGE5
Synonyms	GAGE5; G antigen 5; cancer/testis antigen family 4; member 5; CT4.5; GAGE-5; cancer/testis antigen 4.5; cancer/testis antigen family 4, member 5;
Gene ID	2577
mRNA Refseq	NM_001475
Protein Refseq	NP_001466
MIM	300598
UniProt ID	Q13069
Chromosome Location	Xp11.4-p11.2

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