Recombinant human GAGE12F protein

Catalog Number: ATGP2387

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-117aa

UniProt No.
O76087

NCBI Accession No.
NP_001091875

Alternative Names
G antigen 12F, OTTHuMG00000024147

PRODUCT SPECIFICATION

Molecular Weight
15.4 kDa (140aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by BCA assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
GAGE12F belongs to a multigene family expressed in a large variety of tumors whereas in normal tissues, expression is restricted to germ cells. These genes organized in clustered repeats, have a high degree of predicted sequence identity, but differ by scattered single nucleotide substitution. Their sequences contain either the antigenic peptide YYWPRPRRY or YRPRPRRY which is recognized by cytotoxic T-cells. Recombinant human GAGE12F protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

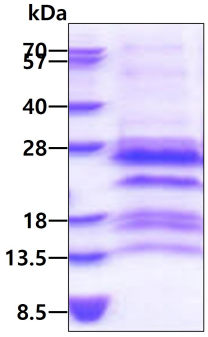
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General References

Gjerstorff M.F., et al (2008). Tissue Antigens 71:187-192
The MGC Project Team (2004) Genome Res. 14:2121-2127

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.