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Recombinant human GAGE2D protein

Catalog Number: ATGP2364

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-116aa

UniProt No.

09UEU5

NCBI Accession No.

NP 001091877

Alternative Names

G antigen 2D, CT4.8, GAGE-2D, GAGE-8, GAGE8

PRODUCT SPECIFICATION

Molecular Weight

15.2 kDa (139aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

Purity

> 95% 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

GAGE2D, as known as G antigen 2D, belongs to a family of proteins organized in clustered repeats. They have a high degree of predicted sequence identity, but differ by scattered single nucleotide substitution. The first GAGE nomenclature was based on identified mRNA sequences, but the high identity of the GAGE members made impossible to separate products of paralogous genes from polymorph products. Recombinant human GAGE2D protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

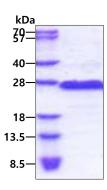
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General References

Backer O. et al. (1999) Cancer Res. 59:3157-3165 Gjerstorff MF. et al. (2008) Tissue Antigens. 71:187-192.

DATA

SDS-PAGE



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

