

**AR51188PU-N****Human GAGE2D (1-116, His-tag) - Purified****Alternate names:**

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

**Quantity:**

0.25 mg

**Concentration:**

1.0 mg/ml (determined by BCA assay)

**Background:**

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.

**Uniprot ID:**[Q9JEU5](#)**NCBI:**[NP\\_001091877](#)**GeneID:**[100101629](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl**Description:**

Recombinant human GAGE2D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**AA Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMSWRGRS TYRPRRRYV EPPEMIGPMR PEQFSDEVEP  
ATPEEGEPAT QRQDPAAAE GEDEGASAGQ GPKPEADSQE QGHPQTGCEC EDGPDGQEMD  
PPNPEEVKTP EEGEKQSQC

**Molecular weight:** 15.2 kDa (139aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:**

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

**Pictures:**