

32-3861: GAGE2D Recombinant Protein

Alternative Name : G Antigen 2D,Cancer/Testis Antigen 4.8,CT4.8,GAGE-8,GAGE8, G Antigen 8.

Description

Source : Escherichia Coli. GAGE2D Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 139 amino acids (1-116 a.a) and having a molecular mass of 15.2kDa (Molecular size on SDS-PAGE will appear higher).GAGE2D is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GAGE2D is a member of the GAGE family, which organized in clustered repeats. In addition, 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; however the high identity of the GAGE members made it impossible to separate products of paralogous genes from polymorph products. Moreover GAGE2D is not expressed in normal tissues, except in testis; however it is expressed by a large proportion of tumors of various histological origins.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	GAGE2D protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMSWRGRS TYRPRRRYV EPEMIGPMR PEQFSDEVEP ATPEEGEPAT QRQDPAAAQE GEDEGASAGQ GPKPEADSQE QGHPQTGCEC EDGPDGQEMD PPNPEEVKTP EEGEKQSQC