

32-3862: GAGE12F Recombinant Protein

Alternative Name : G Antigen 12F,GAGE-12F,G Antigen 12F/G/I.

Description

Source : Escherichia Coli. GAGE12F Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-117aa) and having a molecular mass of 15.4kDa. GAGE12F is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GAGE12F is a member of the GAGE multigene family expressed in a large range of tumors whereas in normal tissues, his expression is restricted to germ cells. These genes are organized in clustered repeats, and have a high degree of forecasted sequence identity, however differ by scattered single nucleotide substitution. Their sequences contain either the antigenic peptide YYWPRPRRY or YRPRPRRY which is recognized by cytotoxic T-cells.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	GAGE12F protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
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 SSGLVPRGSH MGSMWRGRS TYYWPRPRRY VQPPMIGPM RPEQFSDEVE PATPEEGEPA TQRQDPAAQ EGEDEGASAG QGPKPEAHSQ EQGHPQTGCE CEDGPDGQEM DPPNPEEVKT PEEGEKQSQC

