Recombinant Human G antigen 12I (GAGE12I)

Product Code	CSB-YP009176HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0CL82
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSWRGRSTYY WPRPRRYVQP PEMIGPMRPE QFSDEVEPAT PEEGEPATQR QDPAAAQEGE DEGASAGQGP KPEAHSQEQG HPQTGCECED GPDGQEMDPP NPEEVKTPEE GEKQSQC
Source	Yeast
Target Names	GAGE12I
Protein Names	Recommended name: G antigen 12I Short name= GAGE-12I
Expression Region	1-117
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide YYWPRPRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.