



Recombinant Human Melanoma antigen preferentially expressed in tumors (PRAME)

Product Code	CSB-EP018603HU-B
Storage	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.
Uniprot No.	P78395
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MERRRLWGSIQSRYISMSVWTSPPRRLVELAGQSLLKDEALIAAALELLPRELFP PLFMAAFDGRHSQTLKAMVQAWPFTCLPLGVLMKGQHLHLETFKAVLDGLDV LLAQEVRPRRWKLQVLDLRKNSHQDFWTVWSGNRASLYSFPEPEAAQPMTK KRKVDGLSTEAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRLLCCK KLKIFAMPMQDIKMILKMVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRLL LSHIHASSYISPEKEEQYIAQFTSQFLSLQCLQALYVDSLFFLRGRDQLLRHVM NPLETSLITNCRLSEGDMHLSQSPSVLSVLSLGVMLTDVSPEPLQALLER ASATLQDLVFDECGITDDQLLALLPSLSHCSQLTTLSFYGNSSISALQSLLQHLL GLSNLTHVLYPVPLESYEDIHGTLHLERLAYLHARLRELLCELGRPSMVWLSAN PCPHCGDRTFYDPEPILCPCFMPN
Research Area	Apoptosis
Source	E.coli
Target Names	PRAME
Protein Names	Recommended name: Melanoma antigen preferentially expressed in tumors Alternative name(s): Opa-interacting protein 4 Short name= OIP-4 Preferentially expressed antigen of melanoma
Expression Region	1-509aa
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
Target Details	This gene encodes an antigen that is predominantly expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. This expression pattern is similar to that of other CT antigens, such as MAGE, BAGE and GAGE. However, unlike these other CT antigens, this gene is also expressed in acute leukemias. Five alternatively spliced transcript variants encoding the same protein have been observed for this gene.



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

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