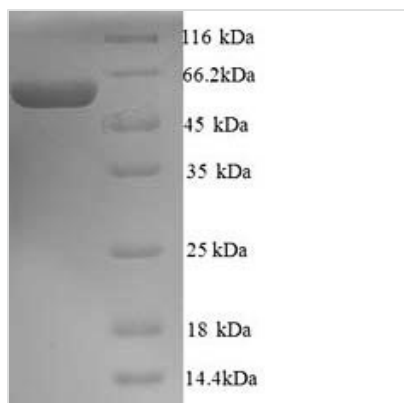


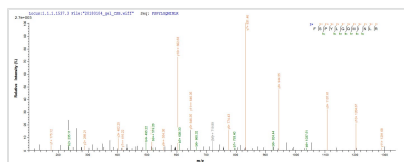


Recombinant Human Melanoma antigen preferentially expressed in tumors (PRAME)

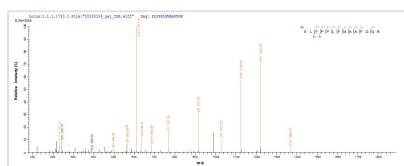
Product Code	CSB-YP018603HU
Relevance	Functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG. Prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis.
Abbreviation	Recombinant Human PRAME protein
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
Alias	Opa-interacting protein 4 ;OIP-4Preferentially expressed antigen of melanoma
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MERRRLWGSIQSRYISMSVWTSPPRRLVELAGQSLLKDEALAIAALELLPRELFP PLFMAAFDGRHSQTLKAMVQAWPFTCLPLGVLMKGGQHLHLETFKAVLDGLDV LLAQEVRPRRWKLQVLDLRKNSHQDFWTVWVSGNRASLYSFPEPEAAQPMTK KRKVDGLSTEAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRLLCCK KLKIFAMPMQDIKMILKMVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRLL LSHIHASSYISPEKEEQYIAQFTSQFLSLQCLQALYVDSLFFLRGRLDQLLRHVM NPLETLSITNCRLSEGDMHLSQSPSVLSVLSLGSVMLTDVSPEPLQALLER ASATLQDLVFDECGITDDQLLALLPSLSHCSQLTTLSFYGNSISISALQSLLQHLLI GLSNLTHVLYPVPLESYEDIHGTLHLERLAYLHARLRELLCELGRPSMVWLSAN PCPHCGDRTFYDPEPILCPCFMPN
Research Area	Apoptosis
Source	Yeast
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	N-terminal 6xHis-tagged
Mol. Weight	59.9kDa


Protein Length
Full Length
Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP018603HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) PRAME.



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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.