

Melanoma antigen preferentially expressed in tumors Recombinant Protein | PRAME recombinant protein

Recombinant Human Melanoma antigen preferentially expressed in tumors

CATALOG # AAA18429	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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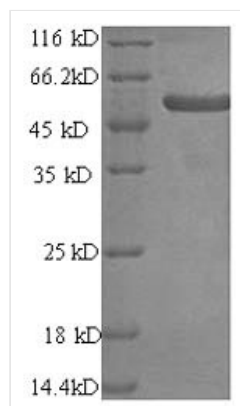
PRODUCT SYNONYMS

Melanoma antigen preferentially expressed in tumors; Recombinant Human Melanoma antigen preferentially expressed in tumors; Opa-interacting protein 4; OIP-4; Preferentially expressed antigen of melanoma; PRAME recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-509aa; Full Length
Sequence	MERRRLWGSIQSRYISMSVW TSPRRLVELA QSLLKDEAL AIAALELLPR ELFPPLFMAA FDGRHSQTLK AMVQAWPFTCLPLGVLMKGQ HLHLETFKAV LDGLDVLLAQ EVRPRRWKLQ VLDLRKNSHQ DFWTVWSGNNR ASLYSFPEPE AAQPMTKKRK VDGLSTEAQ PFIPVEVLVD LFLKEGACDE LFSYLIEKVK RKKNVLRLLCC KKLKIFAMPMDIKMILKMV QLDSIEDLEV TCTWKLPTLA KFSPYLGQMI NLRRLLLSHI HASSYISPEK EEQYIAQFTSQFLSLQCLQA LYVDSLFFLR GRDQLLRHV MNPLETSLIT NCRLSEGDMV HLSQSPSVSQ LSVLSLSGVM LTDVSPEPLQ ALLERASATL QDLVFDECGI TDDQLLALLP SLSHCSQLTT LSFYGNISIS SALQSLQLHL IGLSNLTHVL YPVPLESYED IHGTLHLERL AYLHARLREL LCELGRPSMV WLSANPCPHC GDRTFYDPEP ILCPCFMPN
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PRAME recombinant protein	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.
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Product Categories/Family for PRAME recombinant protein	Apoptosis
References	Characterization of an antigen that is recognized on a melanoma showing partial HLA loss by CTL expressing an NK inhibitory receptor.Ikeda H., Lethe B.G., Lehmann F., van Baren N., Baurain J.-F., de Smet C., Chambost H., Vitale M., Moretta A., Boon T., Coulie P.G.Immunity 6:199-208(1997) A genome annotation-driven approach to cloning the human ORFeome.Collins J.E., Wright C.L., Edwards C.A., Davis M.P., Grinham J.A., Cole C.G., Goward M.E., Aguado B., Mallya M., Mokrab Y., Huckle E.J., Beare D.M., Dunham I.Genome Biol. 5:R84.1-R84.11(2004) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	619328985
NCBI GeneID	23532
NCBI Accession #	NP_001278644.1
NCBI GenBank Nucleotide #	NM_001291715.1
UniProt Accession #	P78395; O43481; Q8IXN8; B2R6Y7
Molecular Weight	59.9 kDa
NCBI Official Full Name	melanoma antigen preferentially expressed in tumors isoform a
NCBI Official Synonym Full Names	preferentially expressed antigen in melanoma
NCBI Official Symbol	PRAME
NCBI Official Synonym Symbols	MAPE; OIP4; CT130; OIP-4
NCBI Protein Information	melanoma antigen preferentially expressed in tumors
UniProt Protein Name	Melanoma antigen preferentially expressed in tumors
UniProt Gene Name	PRAME
UniProt Synonym Gene Names	MAPE; OIP4; OIP-4
UniProt Entry Name	PRAME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.