

Recombinant Human PMEPA1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PMEPA1-144H Lot. No. (See product label)

SPECIFICATION

Product Overview	PMEPA1 MS Standard C13 and N15-labeled recombinant protein (NP_954639) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a transmembrane protein that contains a Smad interacting motif (SIM). Expression of this gene is induced by androgens and transforming growth factor beta, and the encoded protein suppresses the androgen receptor and transforming growth factor beta signaling pathways through interactions with Smad proteins. Overexpression of this gene may play a role in multiple types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	26 kDa
AA Sequence	MMVMVVITCLLSHYKLSARSFISRHSQGRRREDALSSEGCLWPSESTVSGNGIPE PQVYAPPRPTDRLAVPPFAQRERFHRFQPTYPYLQHEIDLPTISLSDGEEPPPYQG PCTLQLRDPEQQLELNRESVRAPPNRTIFDSDLMDSARLGGPCPPSSNSGISATCY GSGGRMEGPPPTYSEVIGHYPGSSFQHQSSGPPSLLEGTRLHHTHIAPLESAAIW SKEKDKQKGHPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

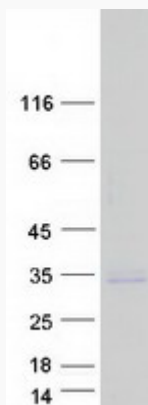
GENE INFORMATION

Gene Name	PMEPA1 prostate transmembrane protein, androgen induced 1 [Homo sapiens (human)]
Official Symbol	PMEPA1
Synonyms	PMEPA1; prostate transmembrane protein, androgen induced 1; STAG1; TMEPAI; protein TMEPAI; solid tumor-associated 1 protein; transmembrane, prostate androgen induced RNA
Gene ID	56937
mRNA Refseq	NM_199170
Protein Refseq	NP_954639
MIM	606564
UniProt ID	Q969W9

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SDS-PAGE

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