

Product datasheet

Human PRMT8 peptide ab73685

Description

Product name	Human PRMT8 peptide
Purity	70 - 90% by HPLC.
Animal free	No
Nature	Synthetic
Species	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab73685** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Form Liquid

Additional notes

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Information available upon request.

General Info

Function Membrane-associated arginine methyltransferase that can both catalyze the formation of omega-

N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA). Able to mono- and dimethylate EWS protein; however its precise role toward EWS remains unclear as it still interacts with fully methylated EWS.

Tissue specificity

Brain-specific.

Sequence similarities

Belongs to the protein arginine N-methyltransferase family. PRMT8 subfamily.

Domain

The SH3-binding motifs mediate the interaction with SH3 domain-containing proteins such as PRMT2 and FYN, possibly leading to displace the N-terminal domain and activate the protein. The N-terminal region (1-60) inhibits the enzymatic activity.

Cellular localization

Cell membrane.

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