

How do the PTM and Modification filters differ?

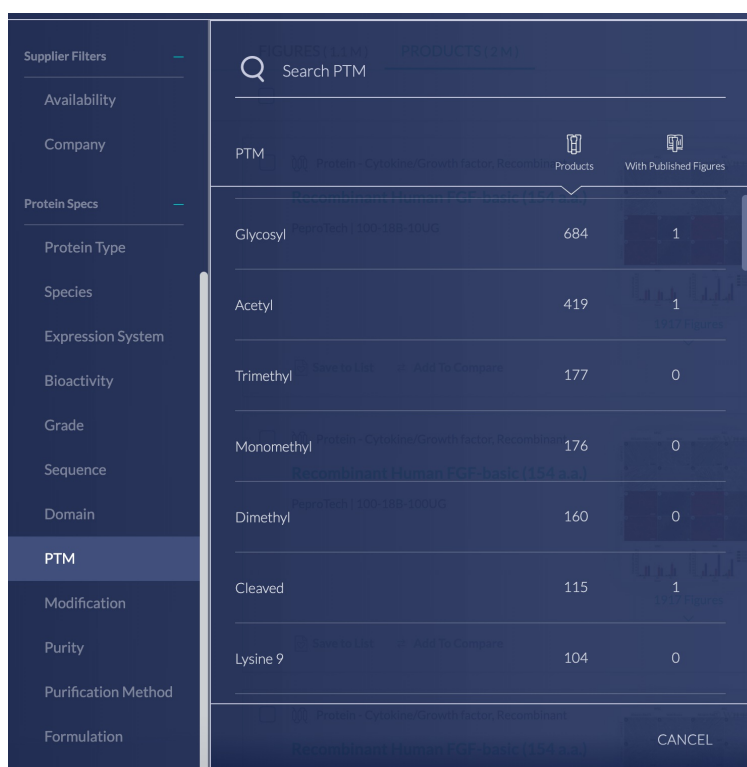
Last Modified on 03/02/2022 2:40 pm EST

In *Protein Specs* filters, you will find two that at first appear similar, **Modification** and **PTM**.

PTM (post-translational modification) relates specifically to modifications of the protein by (but not exclusively):

- Phosphorylation
- Acetylation
- Methylation
- Glycosylation

You can also filter by which specific residue is modified, for example, *Lysine 9* of *human histone H3*.



The screenshot shows the Protein Specs filter interface. On the left is a sidebar with filter categories: Supplier Filters, Protein Specs, and others. The 'PTM' filter is selected. The main panel displays a table of PTM results. The table has columns for the PTM type, the number of products, and a 'With Published Figures' count. The PTM types listed are Glycosyl, Acetyl, Trimethyl, Monomethyl, Dimethyl, Cleaved, and Lysine 9. The 'Lysine 9' filter is currently selected, showing 104 products and 0 with published figures. A 'CANCEL' button is visible at the bottom right of the main panel.

PTM	Products	With Published Figures
Glycosyl	684	1
Acetyl	419	1
Trimethyl	177	0
Monomethyl	176	0
Dimethyl	160	0
Cleaved	115	1
Lysine 9	104	0

Modification, however, refers to tags (e.g. *His*, *GST*, *Fc*, etc.), conjugates (e.g. *fluorescein*, *biotin*, etc.), or reporter proteins (e.g. *GFP*, *alkaline phosphatase*, *peroxidase*) that decorate your protein of interest for purposes related to the experiment.

Supplier Filters

Availability

Company

Protein Specs

Protein Type

Species

Expression System

Bioactivity

Grade

Sequence

Domain

PTM

Modification

Purity

Purification Method

Formulation

FIGURES (134)PRODUCTS (21)

Search Modification

Modification

Protein - Cytokine/Growth factor, Recombinant

Products

With Published Figures

<input type="checkbox"/>	His tag	280.1 K	1.4 K
<input type="checkbox"/>	Unconjugated	86.7 K	4.2 K
<input type="checkbox"/>	Gst tag	78.4 K	509
<input type="checkbox"/>	Myc tag	51.9 K	345
<input type="checkbox"/>	Ddk tag	50.3 K	347
<input type="checkbox"/>	Fc tag	27.7 K	373
<input type="checkbox"/>	Abp tag	20.9 K	2

Recombinant Human FGF-basis (154 a.a.)

CANCEL

APPLY

We use cookies on our website to make your browsing experience better. By using the site, you agree to use our cookies. [Learn more](#)

Accept