How do the PTM and Modification filters differ?
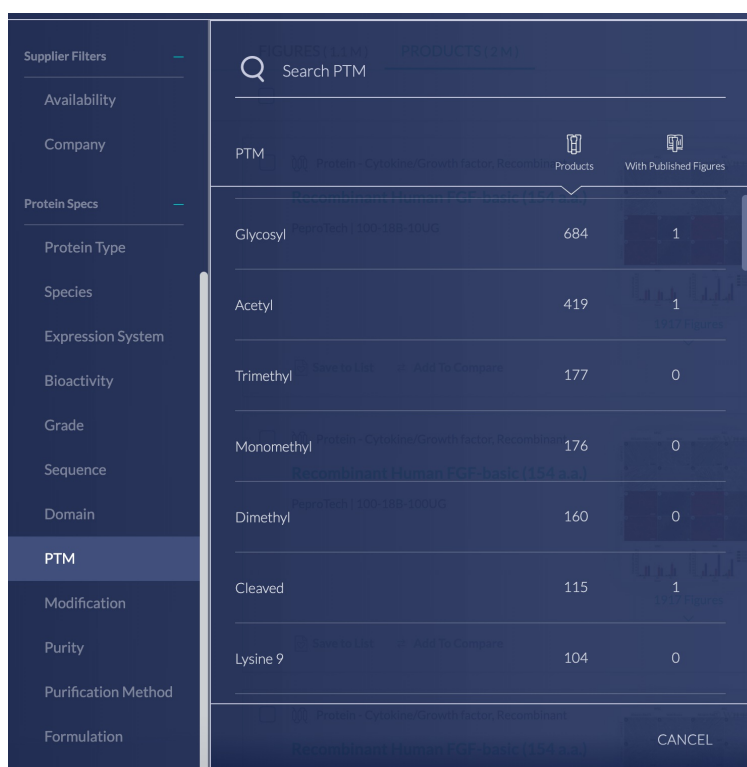
> In *Protein Specs* filters, you will find two that at first appear similar, Modification and PTM.

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*.

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

Q Search Modification

Modification	Products	With Published Figures
☐ His tag	280.1 K	1.4 K
☐ Unconjugated	86.7 K	4.2 K
☐ Gst tag	78.4 K	509
☐ Myc tag	51.9 K	345
☐ Ddk tag	50.3 K	347
☐ Fc tag	27.7 K	373
☐ Abp tag	20.9 K	2

CANCEL   APPLY