

How proteins are subcategorized on Selector

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Proteins can be categorized as more than one product subtype

The nature of protein products varies, so developing clear categories was a challenge. Listed below are the basic categories, however, a product can **belong to more than one**. For example, a recombinant cytokine is tagged as both *recombinant* and a *cytokine/growth factor*. Examples are not exhaustive and intended only as a guide.

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|-------------------------|---|
| Antigen | Short peptides, potentially tagged, that can be used to block antibodies, as a part of a control, or to develop antibodies with therapeutic potential |
| Cytokine/Growth Factors | Proteins like tumour necrosis factors and interleukins that can be used in activation assays, cell functional assays, cell treatments, or inhibition assays, for example. |
| Enzyme | Catalytically active proteins that can be used in cell treatments, or as controls. |
| Native | Natively folded proteins that can be used in cell treatments, or as antibody controls |
| Peptide | Short(er) polypeptides that can be used as enzyme substrates or to interrogate protein interactions |
| Recombinant | Proteins produced in expression systems will be tagged as recombinant, in addition to other appropriate categories. |
| Other proteins | Other types not mentioned above that could have smaller numbers of products, like synthetic peptides. |

If there are additional categories that would be valuable to you and your research, please [let us know!](#)