

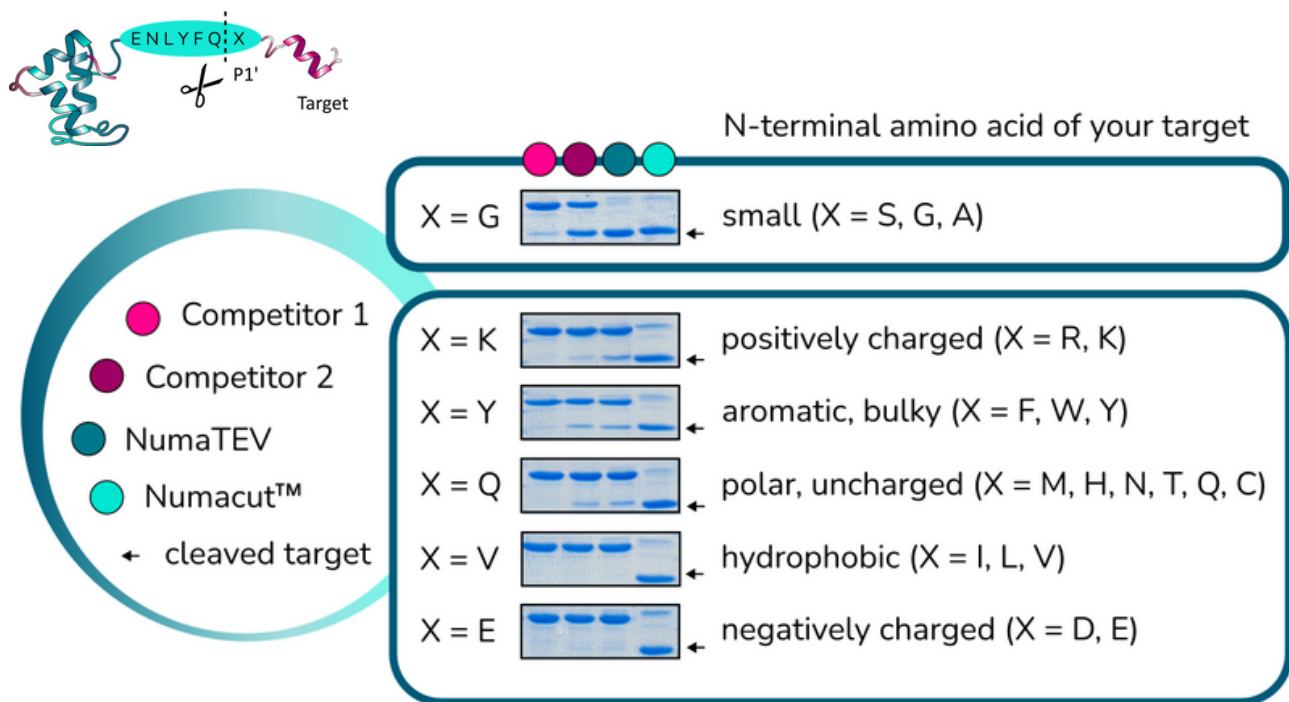
Numacut™ TEV protease

The first protease platform for native protein production

The Numacut™ TEV protease is a game-changing protease, representing the first protease platform for native protein production.

Numacut™ TEV protease accepts all amino acids at the N-terminus (called P1' position) of your target protein (except proline) (turquoise lane), making it the universal choice for native protein production. Available TEV proteases have a strict preference for small amino acids at the P1' position, making them inapplicable in most cases (see purple and magenta lanes). Designed by AI engines, directed evolution and world-leading scientists, our Numacut™ TEV protease enables the release of your target independently of its N-terminus. Just add the recognition sequence ENLYFQ in front of your target and apply Numacut™ – that's it. All of our TEV protease variants, also our TEV protease wildtype (NumaTEV, see the petrol lane), have improved activity, stability and solubility profiles compared to the market standards, making them long-lasting, efficient, and even storable in lyophilized form at room temperature.

Get your hands on the target, and nothing else – easy, effective, economic.



High substrate specificity



Independent cleavage of target



> 4x improved activity levels compared to wildtype enzyme



Efficient protease platform for commercial demands