Catalog number RG-TEV

TEV Protease, His-tagged (10 units/µL)

Recombinant TEV protease, the catalytic NIa domain of tobacco etch virus, for site-specific removal of affinity tags. Cleaves ENLYFQG and ENLYFQS, works from 4 to 30 °C, and carries a His tag so the protease can be pulled out on IMAC after the cut.

Specification

Enzyme class	cysteine protease, NIa-Pro (EC 3.4.22.44)
Concentration	10 units/µL
Unit definition	1 unit cleaves >=85% of 3 µg of the MBP-fusion control substrate in 1 h at 30 °C in a 20 µL reaction.
Activity assay	cleavage of MBP-fusion control, SDS-PAGE densitometry
Supplied buffer	25 mM Tris-HCl pH 7.5, 200 mM NaCl, 1 mM DTT, 50% glycerol
Molecular weight	27 kDa (SDS-PAGE)
Thermostable	No
Applications	affinity-tag removal, fusion-protein processing
Storage	-20 °C

Ordering

Catalog no.	Pack	List price	Availability
RG-TEV-1KU	1,000 units	$90	Waitlist
RG-TEV-10KU	10,000 units	$630	Waitlist

Storage and shipping

Cold chain	Frozen, on dry ice. Declared UN1845, dangerous goods class 9.
Hazard classification	dry ice un1845
Certificate of Analysis	Issued per lot and shipped with the product. Any lot can be retrieved at bramantebio.com/support/coa/

Research use only

For research use only. Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use. The purchaser is

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responsible for determining suitability for their application and for compliance with applicable biosafety and institutional requirements.