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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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IgdE protease

Cat. No.:	HY-E70364
CAS No.:	1892548-76-3
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

IgdE protease

BIOLOGICAL ACTIVITY

Description

IgdE protease is a cysteine protease, which is initially isolated from *Streptococcus agalactiae*. IgdE protease digests monoclonal antibodies (mAbs) of the IgG1 type specifically at their upper hinge region, produces Fc/2, hinge peptide dimers, and Fab fragment. IgdE protease can be used in disulfide bonds and free thiol analysis, as it requires no reducing agents for cleavage^[1].

REFERENCES

[1]. Faid V, et al., Middle-up analysis of monoclonal antibodies after combined IgdE and IdeS hinge proteolysis: Investigation of free sulfhydryls. *J Pharm Biomed Anal.* 2018 Feb 5;149:541-546.

Caution: Product has not been fully validated for medical applications. For research use only.

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