

Enterokinase, Light Chain, human recombinant protein
Enteropeptidase, Serine protease 7, Transmembrane protease serine 15
Catalog # PBV11140r

Specification

Enterokinase, Light Chain, human recombinant protein - Product info

Primary Accession	P98073
Concentration	0.5
Calculated MW	26.3 kDa KDa

Enterokinase, Light Chain, human recombinant protein - Additional Info

Gene ID	5651
Gene Symbol	TMPRSS15
Other Names	
Enteropeptidase, Serine protease 7, Transmembrane protease serine 15	

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	>12,000 mU/mg
Target/Specificity	
Enterokinase	

Format

Liquid

Storage

-80°C; 0.5 mg/ml in 25 mM Tris, 50 mM NaCl (pH 8.0) containing 50% glycerol

Enterokinase, Light Chain, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Enterokinase, Light Chain, human recombinant protein - Images

Enterokinase, Light Chain, human recombinant protein - Background

Enterokinase (EC 3.4.21.9) is a serine protease involved in the activation of trypsinogen to trypsin, which in turn results in the activation of various digestive enzymes. It recognizes a highly specific amino acid sequence 'DDDDK' and cleaves after the lysine residue. High specific activity of enterokinase has been utilized in cleaving a variety of native or fusion protein tags containing the above recognition motif.

Enterokinase, Light Chain, human recombinant protein - References

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Holzinger A.,et al.Am. J. Hum. Genet. 70:20-25(2002).
Hattori M.,et al.Nature 405:311-319(2000).
Kitamoto Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:7588-7592(1994).
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